JVC

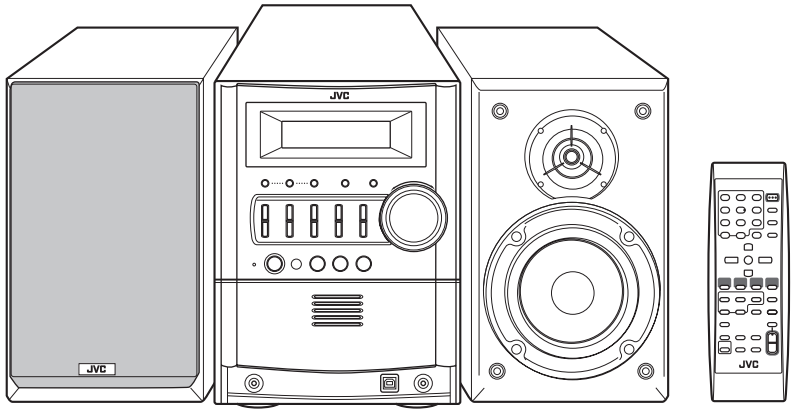
SERVICE MANUAL

COMPACT COMPONENT SYSTEM

FS-G5

Area suffix

J ---------- U.S.A.
C ---------- Canada



Lead free solder used in the board (material : Sn-Ag-Cu, melting point : 219 Centigrade)

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No.MB353
2005/5

SPECIFICATION

Amplifier section	Output Power	90 W per channel, min. RMS, driven into 6Ω at 1 kHz with no more than 10% total harmonic distortion.
	Speakers Impedance	6Ω - 16Ω
	Audio Input	AUX:400 mV/50 kΩ USB:USB Ver. 1.1
Tuner section	FM tuning range	87.5 MHz - 108.0 MHz
	AM tuning range	530 kHz - 1 710 kHz
CD player section	Dynamic range	85 dB
	Signal-to-noise ratio	85 dB
	Wow and flutter	Immeasurable
General	Power requirement	AC 120 V , 60 Hz
	Power consumption	125 W (at operation) 21 W (on standby) 0.8 W (with deactivating the clock indication)
	Dimensions (approx.)	175 mm × 232 mm × 412 mm (W/H/D)
	Mass (approx.)	6.6 kg
Speakers	Type	2-way Bass reflex
	Speaker units	Woofer:10 cm cone × 1 Tweeter:4 cm cone × 1
	Impedance	6Ω
	Dimensions (approx.)	144 mm × 231 mm × 201 mm (W/H/D)
	Mass (approx.)	2.0 kg each

Designs and Specifications are subject to change without notice.

SECTION 1
PRECAUTION

1.1 Safety Precautions

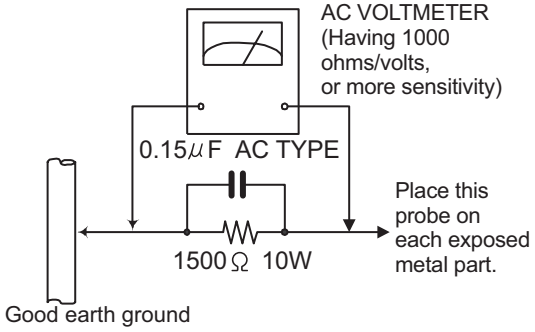
(1) This design of this product contains special hardware and many circuits and components specially for safety purposes. For continued protection, no changes should be made to the original design unless authorized in writing by the manufacturer. Replacement parts must be identical to those used in the original circuits. Services should be performed by qualified personnel only.

(2) Alterations of the design or circuitry of the product should not be made. Any design alterations of the product should not be made. Any design alterations or additions will void the manufacturers warranty and will further relieve the manufacture of responsibility for personal injury or property damage resulting therefrom.

(3) Many electrical and mechanical parts in the products have special safety-related characteristics. These characteristics are often not evident from visual inspection nor can the protection afforded by them necessarily be obtained by using replacement components rated for higher voltage, wattage, etc. Replacement parts which have these special safety characteristics are identified in the Parts List of Service Manual. Electrical components having such features are identified by shading on the schematics and by (⚠) on the Parts List in the Service Manual. The use of a substitute replacement which does not have the same safety characteristics as the recommended replacement parts shown in the Parts List of Service Manual may create shock, fire, or other hazards.

(4) The leads in the products are routed and dressed with ties, clamps, tubings, barriers and the like to be separated from live parts, high temperature parts, moving parts and/or sharp edges for the prevention of electric shock and fire hazard. When service is required, the original lead routing and dress should be observed, and it should be confirmed that they have been returned to normal, after reassembling.

(5) Leakage shock hazard testing
After reassembling the product, always perform an isolation check on the exposed metal parts of the product (antenna terminals, knobs, metal cabinet, screw heads, headphone jack, control shafts, etc.) to be sure the product is safe to operate without danger of electrical shock.Do not use a line isolation transformer during this check.
- Plug the AC line cord directly into the AC outlet. Using a "Leakage Current Tester", measure the leakage current from each exposed metal parts of the cabinet, particularly any exposed metal part having a return path to the chassis, to a known good earth ground. Any leakage current must not exceed 0.5mA AC (r.m.s.).
- Alternate check method
Plug the AC line cord directly into the AC outlet. Use an AC voltmeter having, 1,000Ω per volt or more sensitivity in the following manner. Connect a 1,500Ω 10W resistor paralleled by a 0.15μF AC-type capacitor between an exposed metal part and a known good earth ground.
Measure the AC voltage across the resistor with the AC voltmeter.
Move the resistor connection to each exposed metal part, particularly any exposed metal part having a return path to the chassis, and measure the AC voltage across the resistor. Now, reverse the plug in the AC outlet and repeat each measurement. Voltage measured any must not exceed 0.75 V AC (r.m.s.). This corresponds to 0.5 mA AC (r.m.s.).



1.2 Warning

(1) This equipment has been designed and manufactured to meet international safety standards.
(2) It is the legal responsibility of the repairer to ensure that these safety standards are maintained.
(3) Repairs must be made in accordance with the relevant safety standards.
(4) It is essential that safety critical components are replaced by approved parts.
(5) If mains voltage selector is provided, check setting for local voltage.

1.3 Caution

Burrs formed during molding may be left over on some parts of the chassis.
Therefore, pay attention to such burrs in the case of preforming repair of this system.

1.4 Critical parts for safety

In regard with component parts appearing on the silk-screen printed side (parts side) of the PWB diagrams, the parts that are printed over with black such as the resistor (▬), diode (▮) and ICP (●) or identified by the " ⚠ " mark nearby are critical for safety. When replacing them, be sure to use the parts of the same type and rating as specified by the manufacturer.
(This regulation dose not Except the J and C version)

1.5 Preventing static electricity

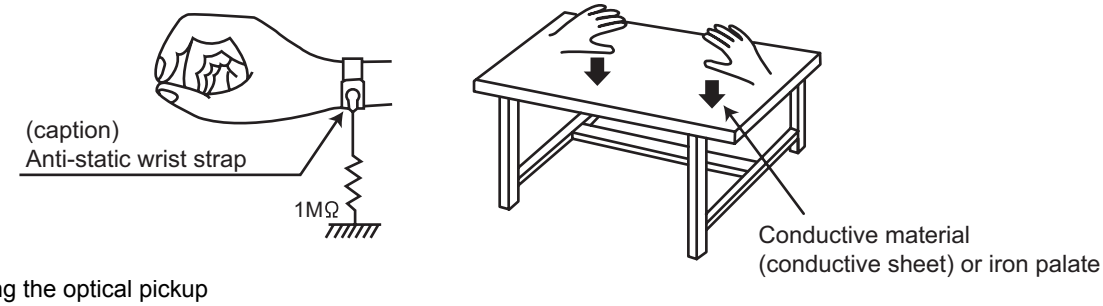
Electrostatic discharge (ESD), which occurs when static electricity stored in the body, fabric, etc. is discharged, can destroy the laser diode in the traverse unit (optical pickup). Take care to prevent this when performing repairs.

1.5.1 Grounding to prevent damage by static electricity

Static electricity in the work area can destroy the optical pickup (laser diode) in devices such as laser products.
Be careful to use proper grounding in the area where repairs are being performed.

(1) Ground the workbench
Ground the workbench by laying conductive material (such as a conductive sheet) or an iron plate over it before placing the traverse unit (optical pickup) on it.

(2) Ground yourself
Use an anti-static wrist strap to release any static electricity built up in your body.



(3) Handling the optical pickup
- In order to maintain quality during transport and before installation, both sides of the laser diode on the replacement optical pickup are shorted. After replacement, return the shorted parts to their original condition. (Refer to the text.)
- Do not use a tester to check the condition of the laser diode in the optical pickup. The tester's internal power source can easily destroy the laser diode.

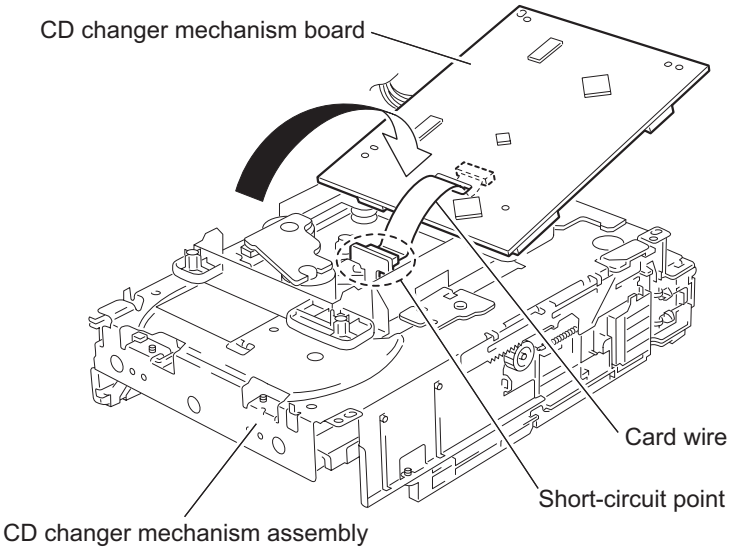
1.6 Handling the traverse unit (optical pickup)

(1) Do not subject the traverse unit (optical pickup) to strong shocks, as it is a sensitive, complex unit.
(2) Cut off the shorted part of the flexible cable using nippers, etc. after replacing the optical pickup. For specific details, refer to the replacement procedure in the text. Remove the anti-static pin when replacing the traverse unit. Be careful not to take too long a time when attaching it to the connector.
(3) Handle the flexible cable carefully as it may break when subjected to strong force.
(4) I t is not possible to adjust the semi-fixed resistor that adjusts the laser power. Do not turn it.

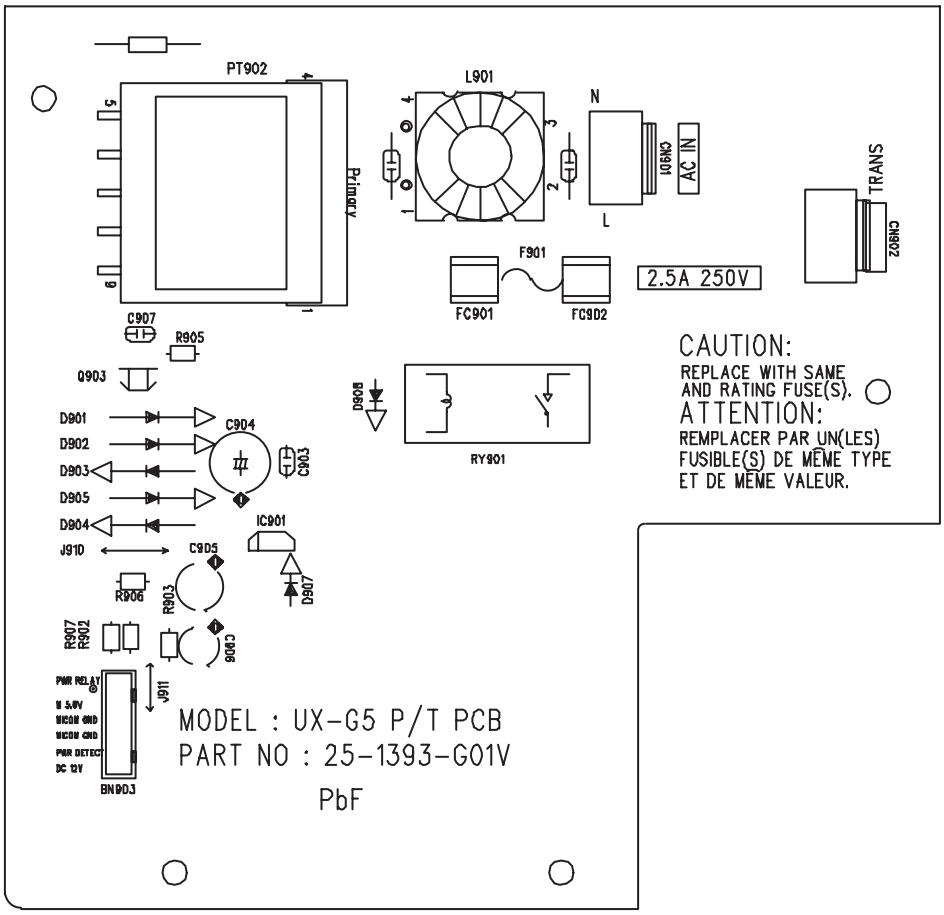
1.7 Attention when traverse unit is decomposed

***Please refer to "Disassembly method" in the text for the pickup unit.**

- Apply solder to the short land sections before the flexible wire is disconnected from the connecto on the servo board. (If the flexible wire is disconnected without applying solder, the pickup may be destroyed by static electricity.)
- In the assembly, be sure to remove solder from the short land sections after connecting the flexible wire.



1.8 Importance administering point on the safety



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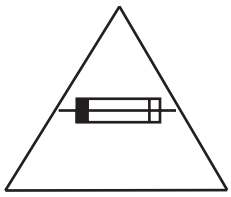


Caution: For continued protection against risk of fire, replace only with same type 2.5 A/250 V for F901.
This symbol specifies the type of fast operating fuse.

Precáution: Pour la protection continue contre les risques d'incendie, remplacer uniquement par le même type: fusible 2.5 A/250 V pour le F901.
Ce symbole specifie le type de fusible a àction rapide.

SECTION 2
SPECIFIC SERVICE INSTRUCTIONS

This service manual does not describe SPECIFIC SERVICE INSTRUCTIONS.

SECTION 3
DISASSEMBLY

3.1 Main body

3.1.1 Removing the side panel (R)/ (L) (See Fig.1 to 3)

(1) Remove the three screws **A** attaching the side panel (R) on the back side and remove the screw **A** and **B** on the right side.
(2) Remove the three screws **A** attaching the side panel (L) on the back side and remove the screw **A** and **B** on the left side.
(3) Remove the side panel (R) and (L) backward.

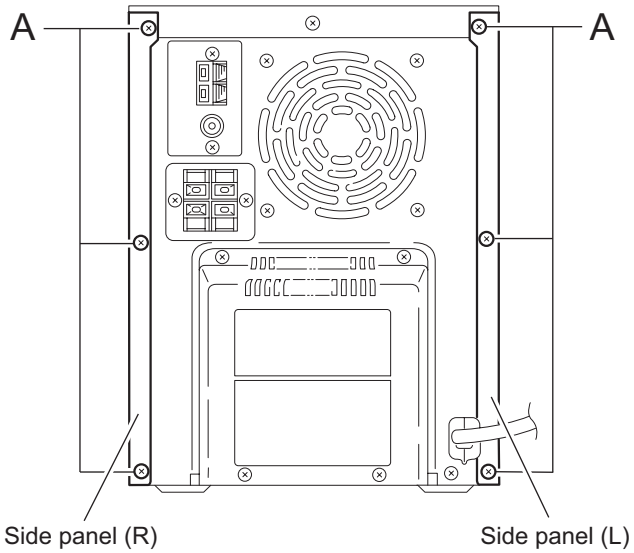


Fig.1

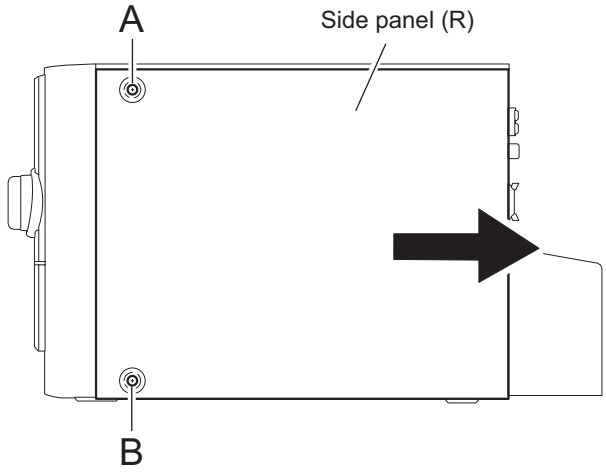


Fig.2

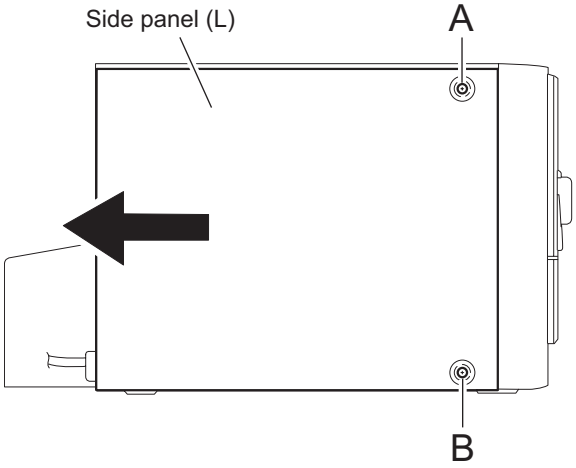


Fig.3

3.1.2 Removing the top panel (See Fig.4 to 7)

- Prior to performing the following procedure, remove the side panel (R)/(L).
  (1) From the back of the body, remove the screw **D** attaching the top panel.
  (2) From each side of the body, remove the screw **E** attaching the top panel.
  (3) From each side of the body, release the two joints **a** of the front panel assembly and top panel.
  (4) Move the top panel in the direction of the arrow to release the two joints **b** and remove the top panel backward.

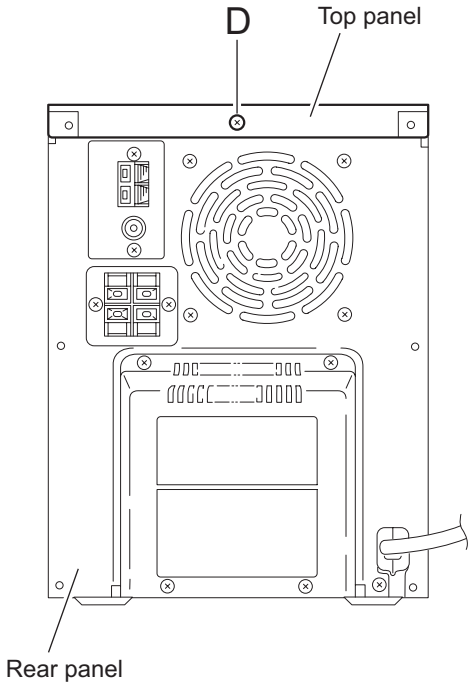


Fig.4

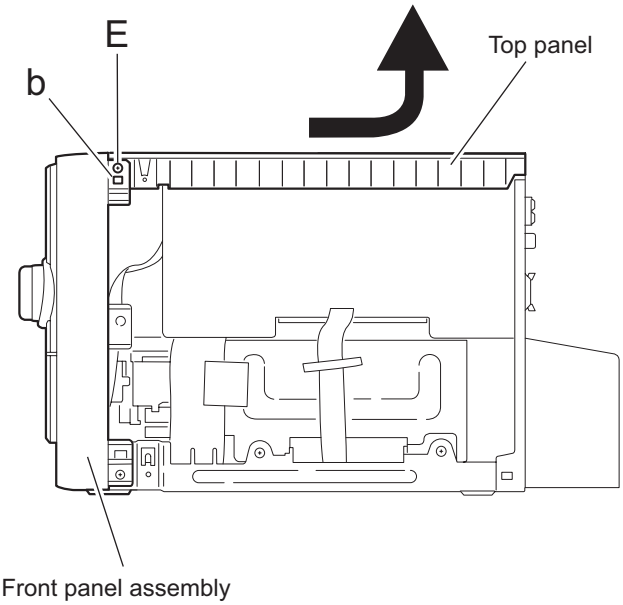


Fig.5

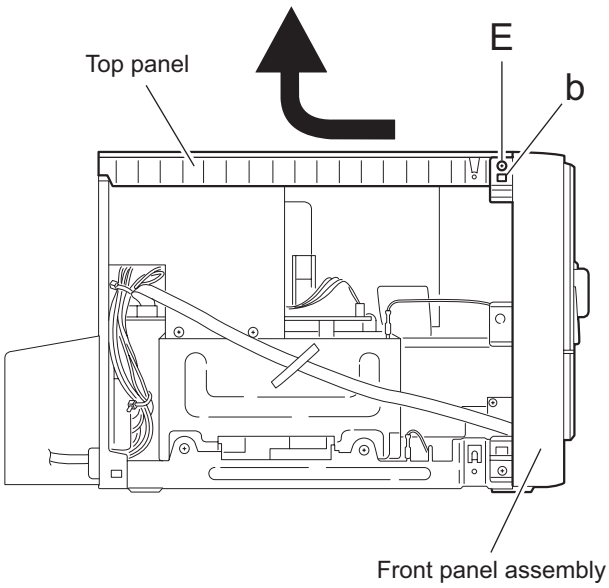


Fig.6

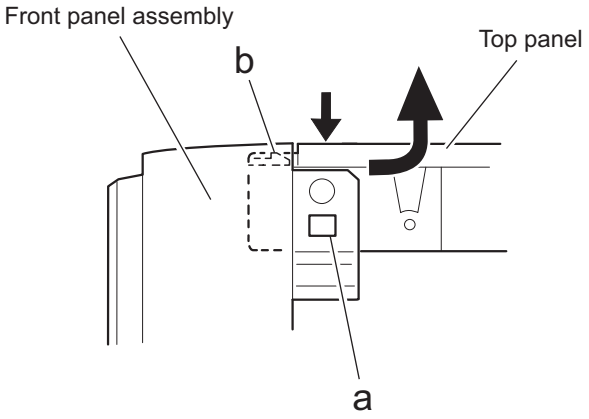


Fig.7

3.1.3 Front panel assembly section

3.1.3.1 Removing the front panel assembly (See Fig.8 to 10)

- Prior to performing the following procedure, remove the side panel (R)/(L) and the top panel.
  (1) From top of the body, disconnect the card wire from connector CN402 on the main board and disconnect the wire from connector CN671.
  (2) From rear left side of the body, disconnect the wire from connector CN204 on the amplifier board.
  (3) Disconnect the earth wire from the top of the CD changer mechanism cover and from the base chassis on each side of the body.
  (4) From each side of the body, remove the two screws **F** attaching the front panel assembly.
  (5) From the bottom of the body, remove the two screws **G** attaching the front panel assembly.
  (6) Release the two joints **d** at the lower right and left sides of the body and remove the front panel assembly forward.

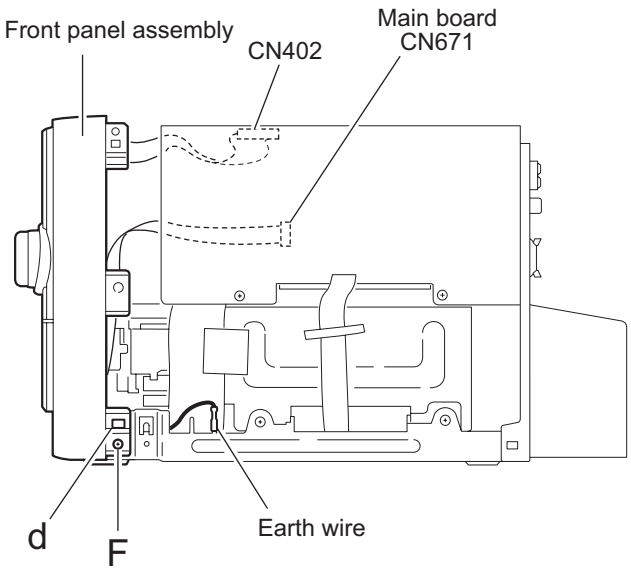


Fig.8

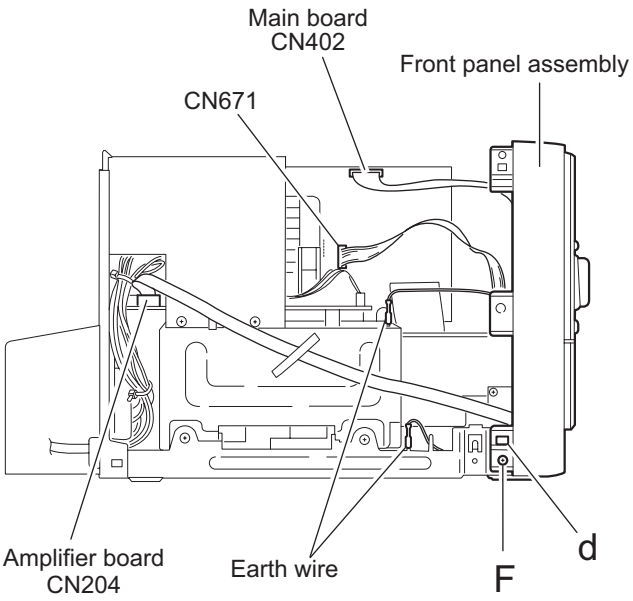


Fig.9

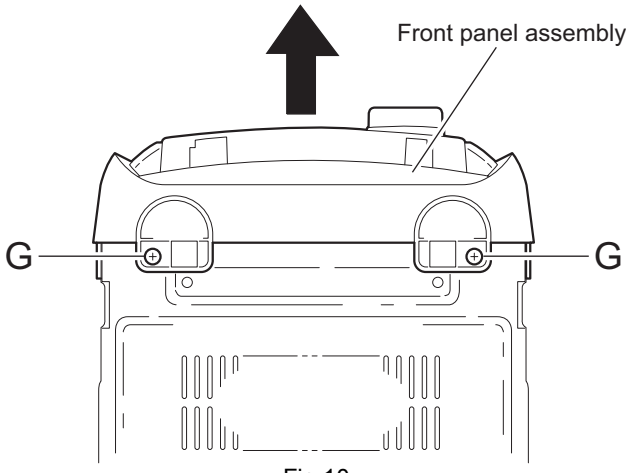


Fig.10

3.1.3.2 Removing the LCD & function board (See Fig.11)

- Prior to performing the following procedure, remove the front panel assembly.
  (1) Pull out the volume knob on the front side of front panel assembly.
  (2) Remove the eight screws **H** attaching the LCD & function board.

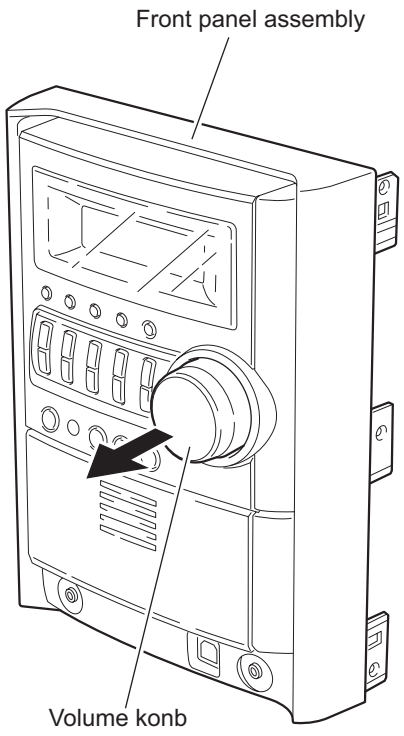


Fig.11

3.1.3.3 Removing the AUDIO & AUX board (See Fig.12)

- Prior to performing the following procedure, remove the front panel assembly.
  (1) Remove the two screws **J** attaching the AUDIO & AUX board.

3.1.3.4 Removing the PHONE board (See Fig.12)

- Prior to performing the following procedure, remove the front panel assembly.
  (1) Remove the two screws **K** attaching the PHONE board.

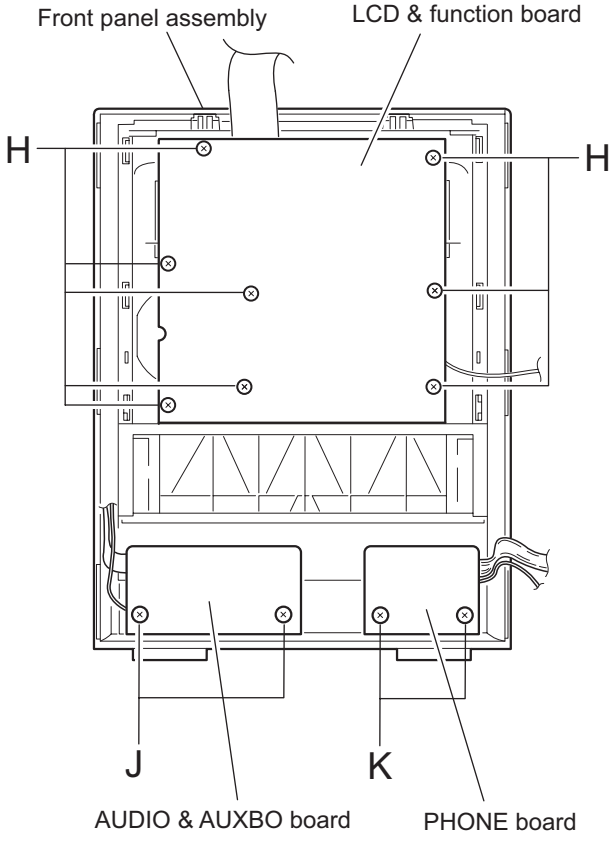


Fig.12

3.1.4 Removing the main board (See Fig.13, 14)

- Prior to performing the following procedure, remove the side panel (R)/(L) and the top panel.
  (1) Disconnect the card wire from connector CN401, CN402, CN661 and CN681 on the main board and disconnect the wire from connector CN671.
  (2) Remove the two screws **M** attaching the main board.
  (3) Disconnect the connector CN501 and CN601 on the main board from the amplifier board while moving it in the direction of the arrow.

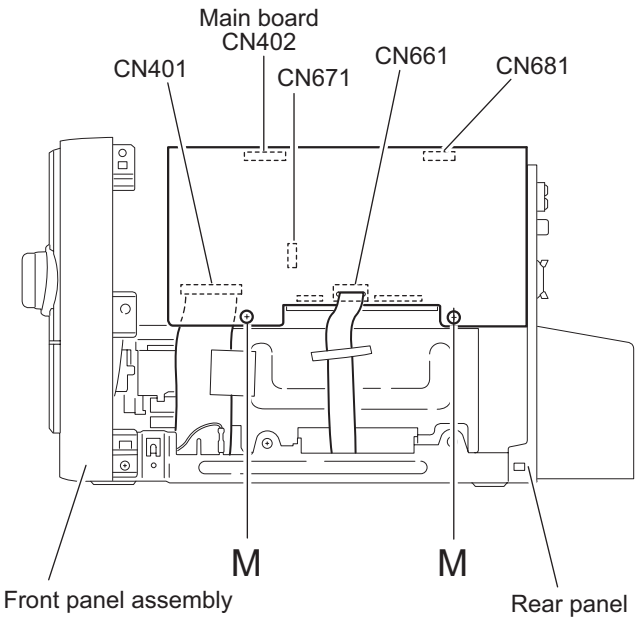


Fig.13

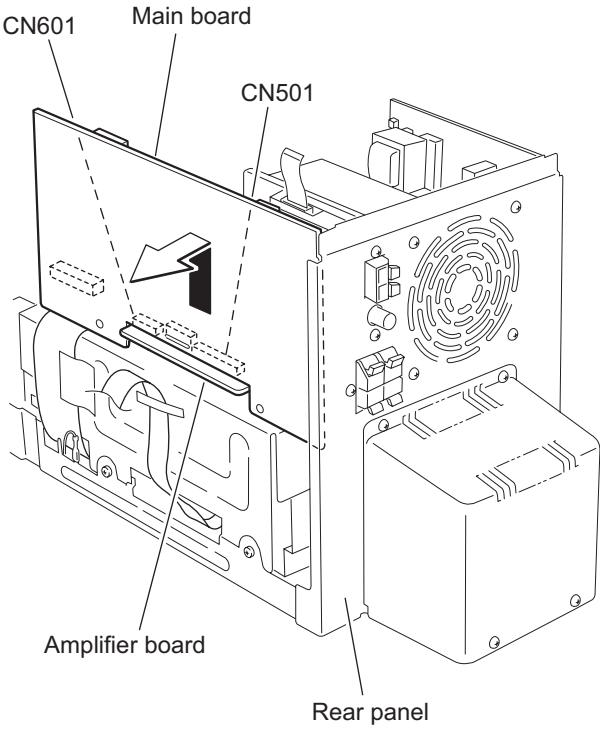


Fig.14

3.1.5 Removing the tuner pack (See Fig.15)

- Prior to performing the following procedure, remove the side panel (R)/(L) and the top panel.
  (1) Disconnect the card wire from connector of the tuner pack.
  (2) From the back of the body, remove the two screws **N** attaching the tuner pack.

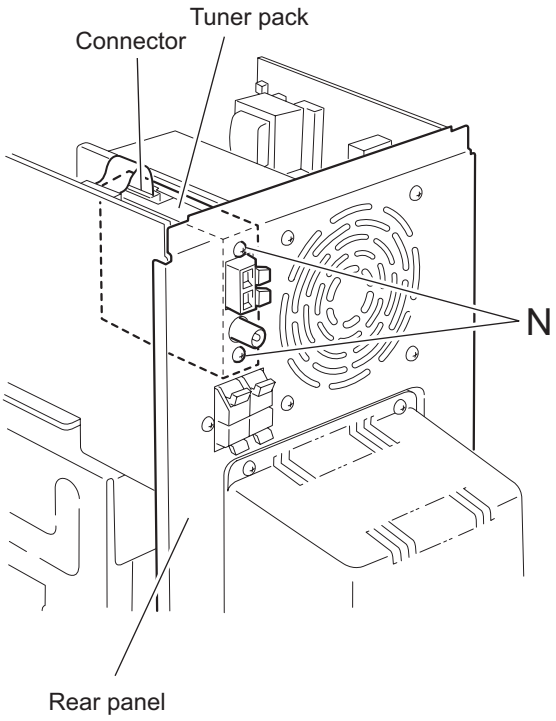


Fig.15

3.1.6 Removing the transformer board (See Fig.16)

- Prior to performing the following procedure, remove the side panel (R)/(L) and the top panel.
  (1) From the left side of the body, disconnect the wire from connector CN102 on the amplifier board.
  (2) Disconnect the wire from connector CN901 and CN902 on the transformer board.
  (3) From the left side of the body, remove the two screws **P** attaching the transformer board.

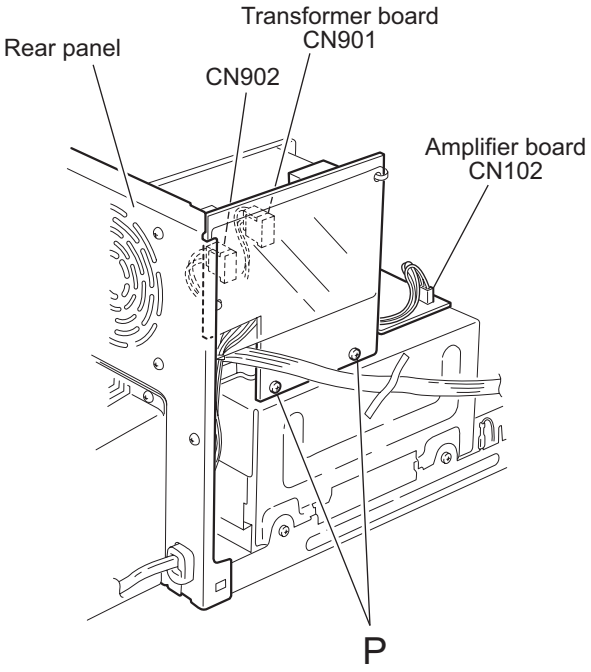


Fig.16

3.1.7 Removing the fan
(See Fig.17)

- Prior to performing the following procedure, remove the side panel (R)/(L), the top panel and the transformer board.
  (1) From the left side of the body, disconnect the wire from connector CN105 on the amplifier board.
  (2) From the back of the body, remove the four screws **Q** attaching the fan.

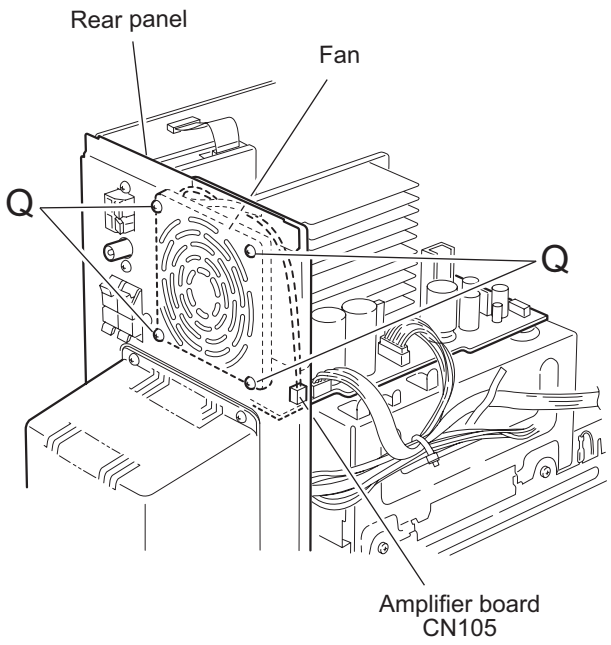


Fig.17

3.1.8 Removing the amplifier board/ heat sink (See Fig.18, 19)

- Prior to performing the following procedure, remove the side panel (R)/(L), the top panel, the main board, the transformer board, the tuner pack and the fan.
  (1) From top of the body, disconnect the wire from connector CN101 and CN204 on the amplifier board.
  (2) From top of the body, remove the five screws **R** attaching the amplifier board.
  (3) From the back of the body, remove the two screws **T** attaching the amplifier board.

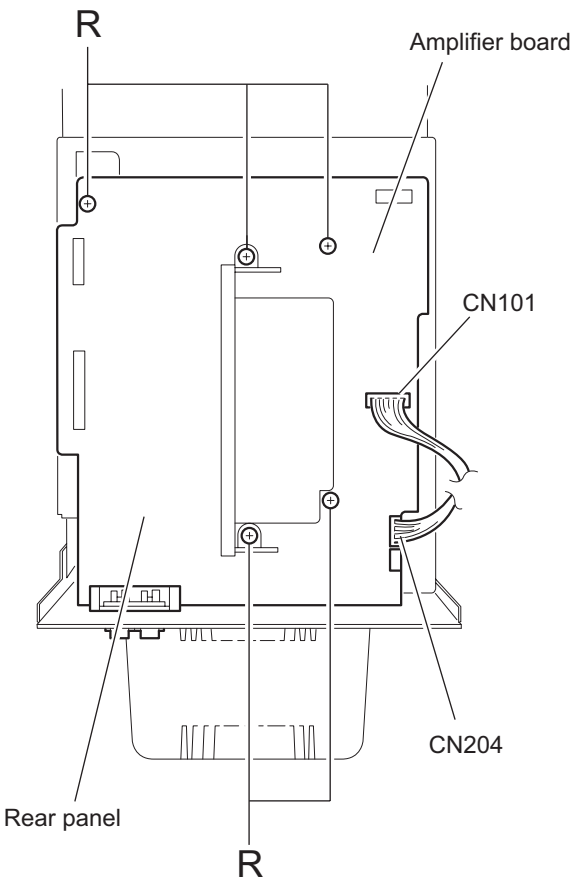


Fig.18

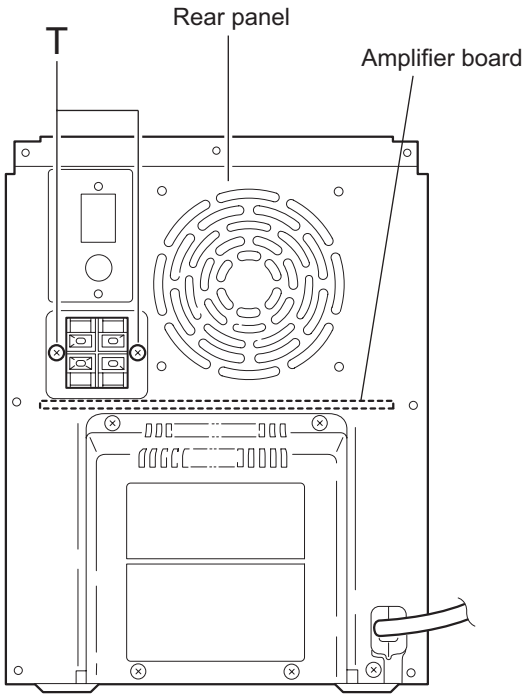


Fig.19

3.1.9 Removing the power transformer assembly/ power cord (See Fig.20 to 24)

- Prior to performing the following procedure, remove the side panel (R)/(L), the top panel, the main board, the transformer board, the fan and the amplifier board.

Reference:

You do not need remove the tuner pack which is attached to the rear panel.

(1) From the back of the body, remove the three screws **U** attaching the rear panel and the rear cover to the base chassis.

(2) Release the two joints **e** at the lower right and left sides of the body. The rear panel comes off together with the rear cover.

(3) From top of the body, remove the four screws **Y** attaching the power transformer assembly.

(4) If you disconnect the power cord, pull the power cord stopper attaching the power cord in the direction of the arrow as shown in Fig.24 and remove it from the base chassis.

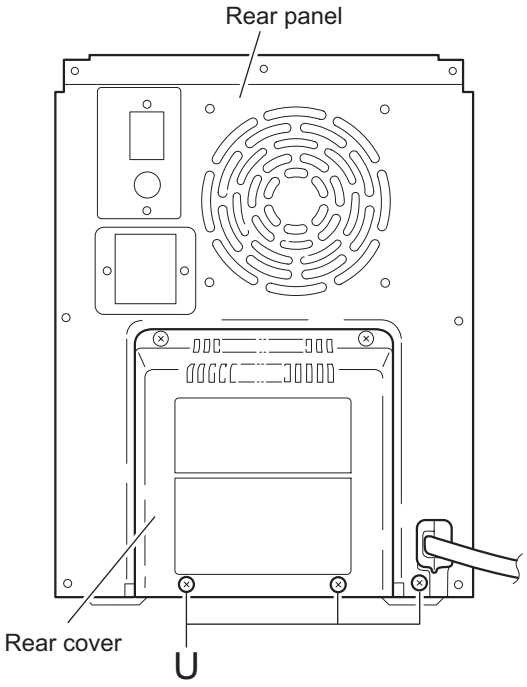


Fig.20

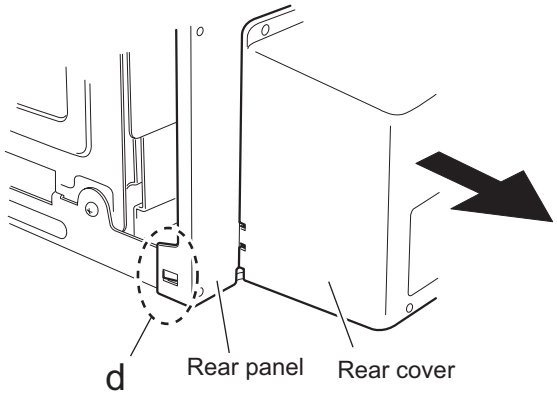


Fig.21

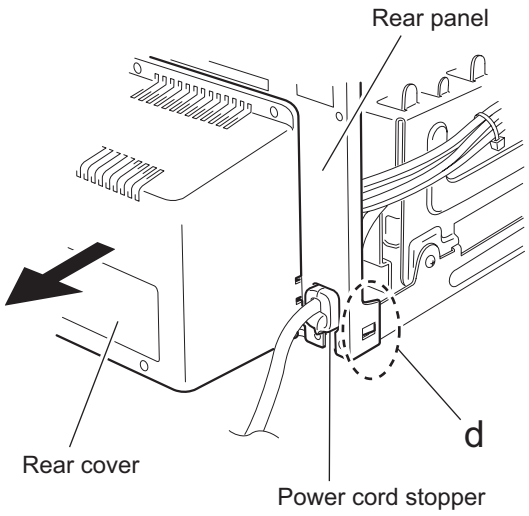


Fig.22

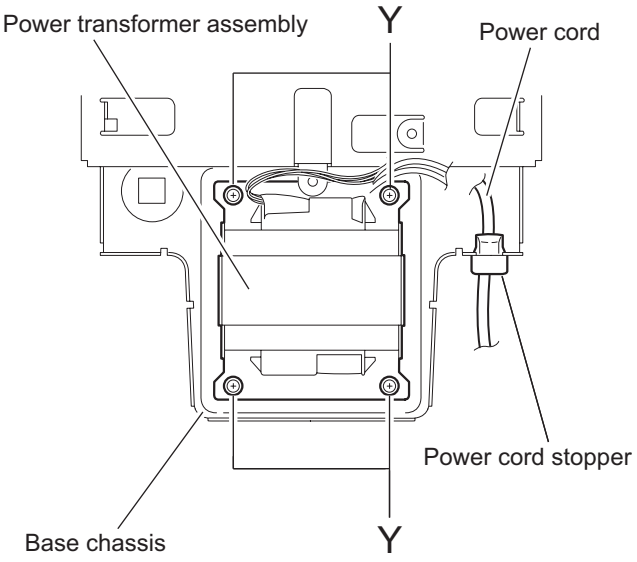


Fig.23

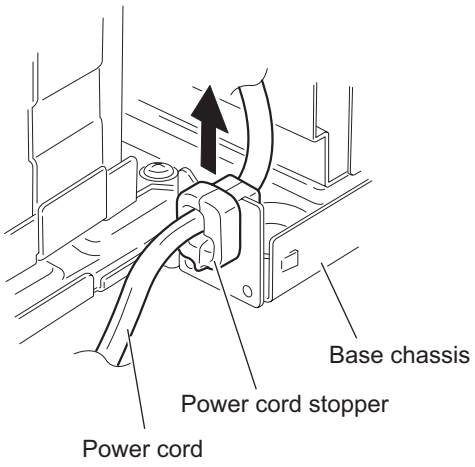


Fig.24

3.1.10 CD changer mechanism assembly section

3.1.10.1 Removing the CD changer mechanism assembly (See Fig.25 to 30)

- Prior to performing the following procedure, remove the side panel (R)/(L), the top panel, the main board, the transformer board, the fan, the amplifier board and the rear panel.

(1) From both side of the body, remove the four screws **A'** attaching the CD changer mechanism cover and detach it in the direction of the arrow.

Reference:

To reattach the CD changer mechanism cover, fit the four point **f** of the CD changer mechanism cover to the four point **g** of the base chassis as shown in Fig.27.

(2) From the front side of the body, remove the two screws **B'** attaching the CD changer mechanism assembly.

(3) From the back of the body, remove the two screws **D'** attaching the CD changer mechanism assembly.

(4) Remove the CD changer mechanism assembly in the direction of the arrow while pulling the front and rear brackets outward.

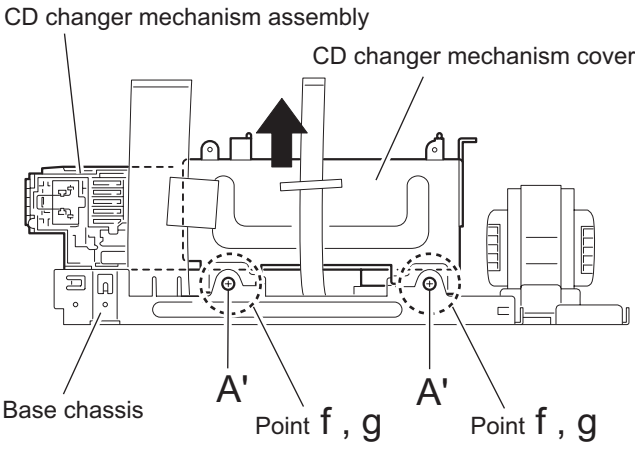


Fig.25

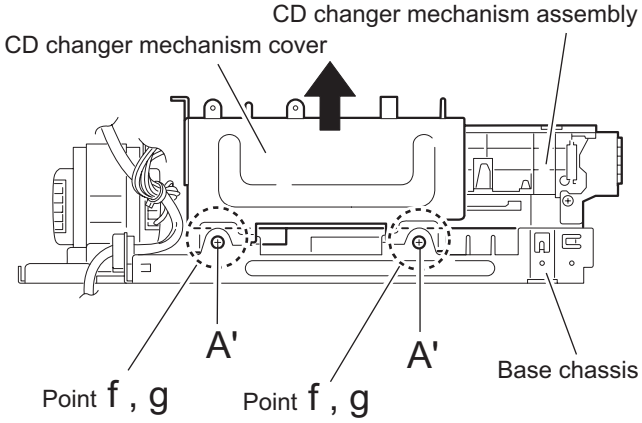


Fig.26

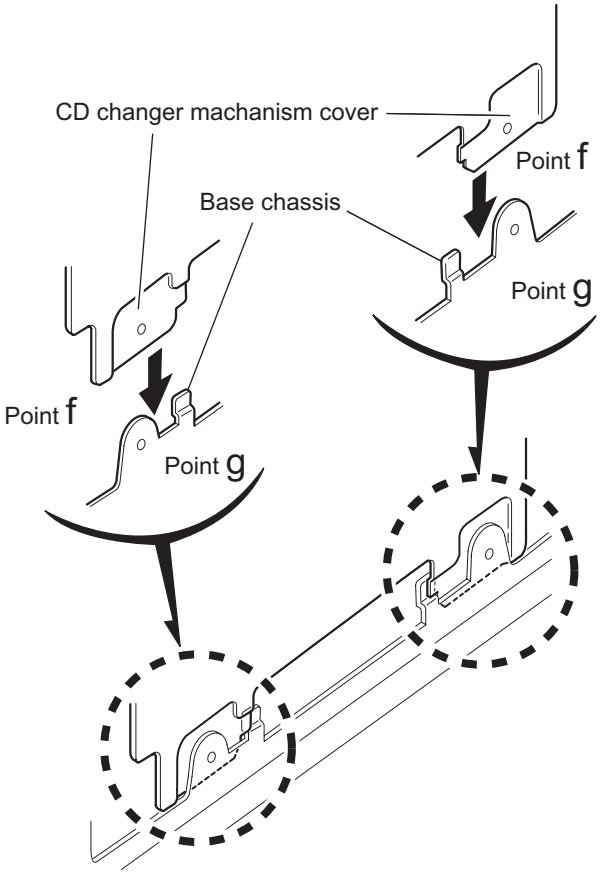


Fig.27

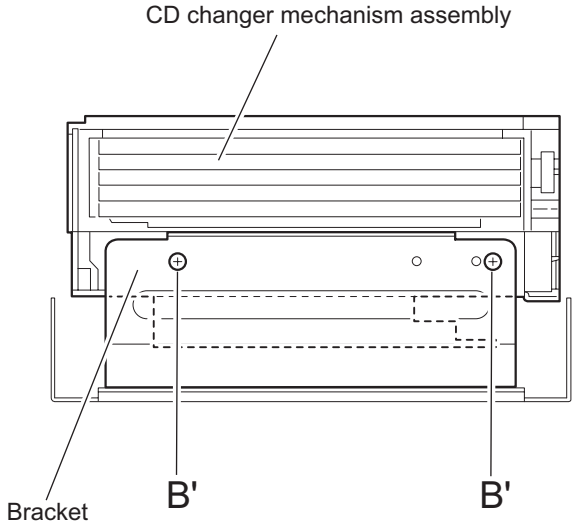


Fig.28

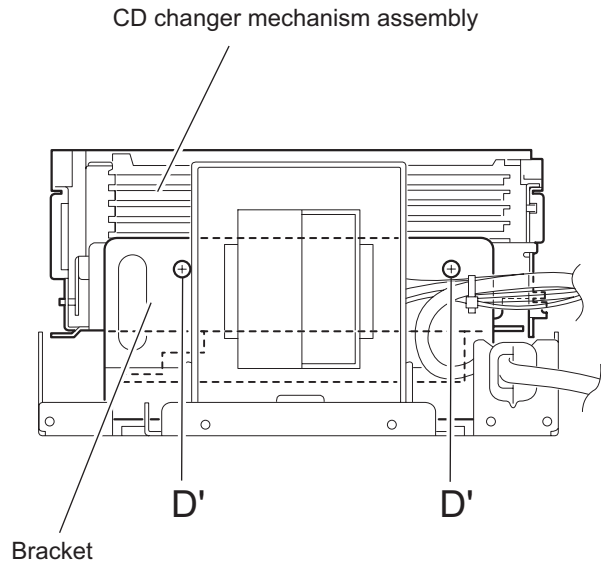


Fig.29

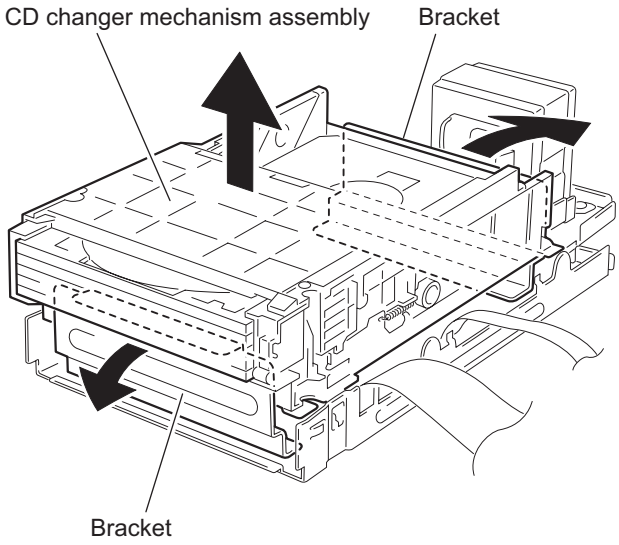


Fig.30

3.1.10.2 Removing the CD changer mechanism board (See Fig.31 to 33)

- Prior to performing the following procedure, remove the CD changer mechanism assembly.

Caution:

Make sure to solder the short-circuit point on the CD pickup board before disconnecting the card wire connected to connector CN701 on the CD changer mechanism board and the CD pickup board. If you do not follow this instruction, the pick-up may be damaged.

(1) From the bottom of the CD changer mechanism assembly, disconnect the wire from connector CN872 and CN873 on the CD changer mechanism board.

(2) From the left side of the CD changer mechanism assembly, disconnect the wire from connector on the CD motor board.

(3) Remove the four screws **E'** attaching the CD changer mechanism board.

(4) Move the CD changer mechanism board as shown in Fig.32 and solder the short-circuit point on the CD pickup board.

(5) Disconnect the card wire from connector CN701 on the CD changer mechanism board.

Caution:

To reattach the CD changer mechanism board, connect the card wire to connector CN701 on the CD mechanism board and the CD pickup board before unsoldering the short-circuit point.

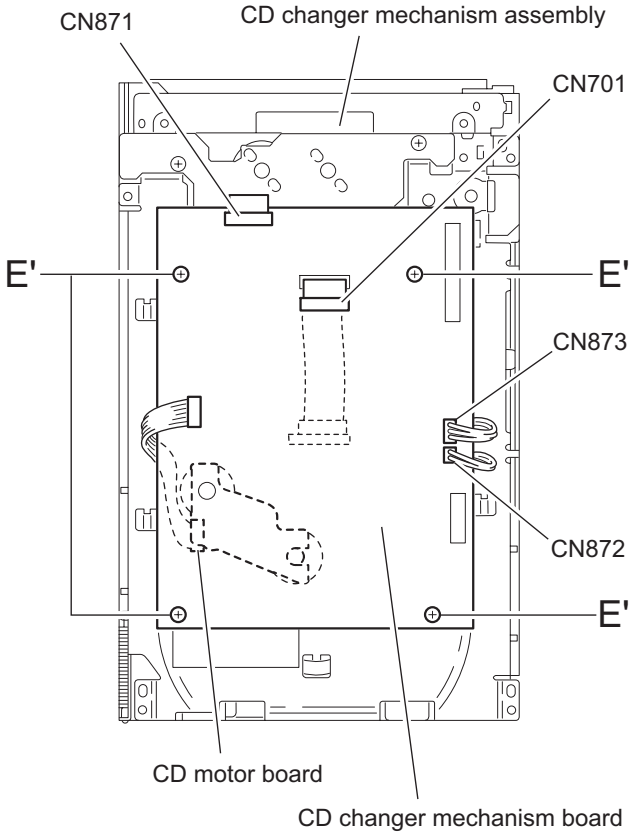


Fig.31

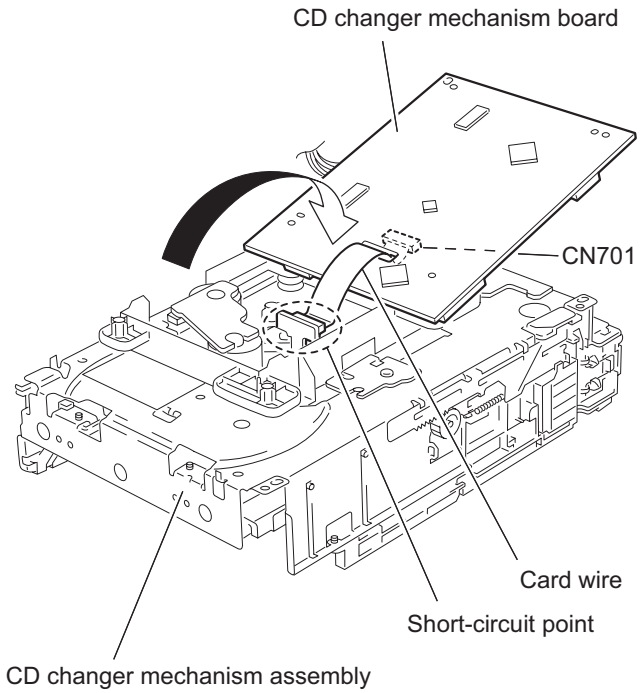


Fig.32

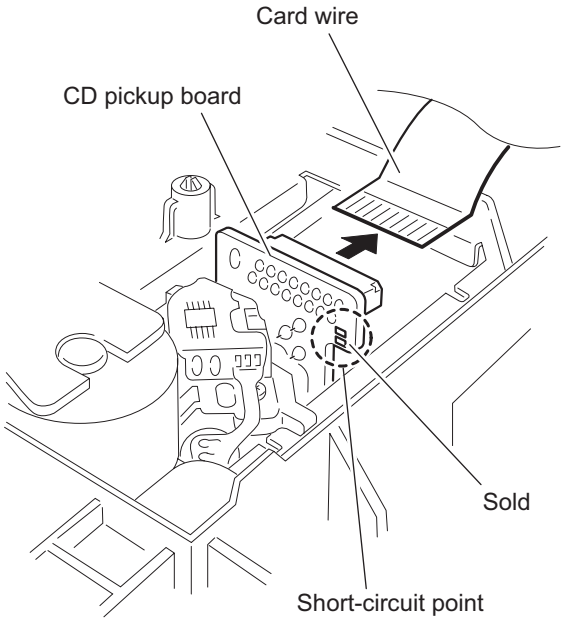


Fig.33

3.1.10.3 Removing the CD changer mechanism (See Fig.34, 35)

- Prior to performing the following procedure, remove the CD changer mechanism assembly and CD changer mechanism board.
  (1) Remove the three screws **F'** attaching the CD changer mechanism holder. The CD changer mechanism comes off, too.
  (2) Remove the four screws **G'** attaching the CD changer mechanism.

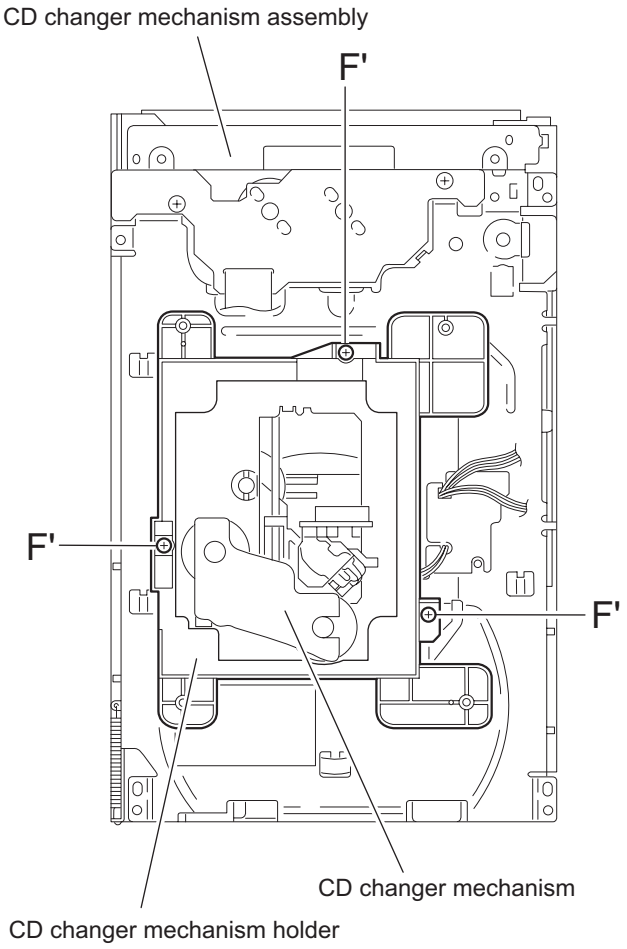


Fig.34

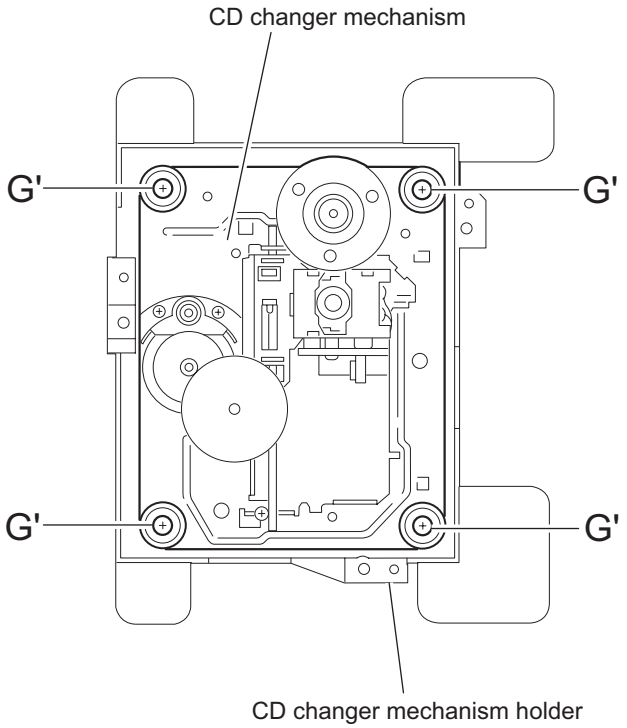


Fig.35

SECTION 4
ADJUSTMENT

This service manual does not describe ADJUSTMENT.

SECTION 5
TROUBLESHOOTING

This service manual does not describe TROUBLESHOOTING.

JVC
Victor Company of Japan, Limited
AV & MULTIMEDIA COMPANY AUDIO/VIDEO SYSTEMS CATEGORY 10-1,1chome,Ohwatari-machi,Maebashi-city,371-8543,Japan

(No.MB353)

Printed in Japan
VPT

JVC

SCHEMATIC DIAGRAMS

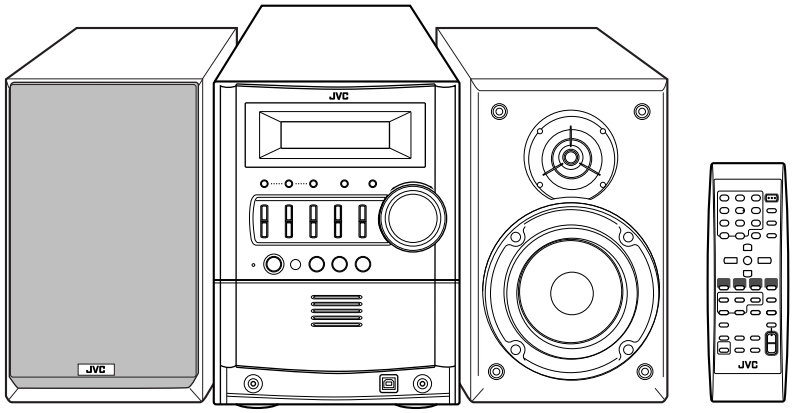
COMPACT COMPONENT SYSTEM

FS-G5

CD-ROM No.SML200505

Area suffix

J ---------- U.S.A.
C ---------- Canada



SP-FSG5 CA-FSG5 SP-FSG5

Lead free solder used in the board (material : Sn-Ag-Cu, melting point : 219 Centigrade)

Contents

Wiring diagram ---------- 2-1
Block diagram ---------- 2-3
Standard schematic diagrams ---------- 2-7
Printed circuit boards ---------- 2-13 to 23

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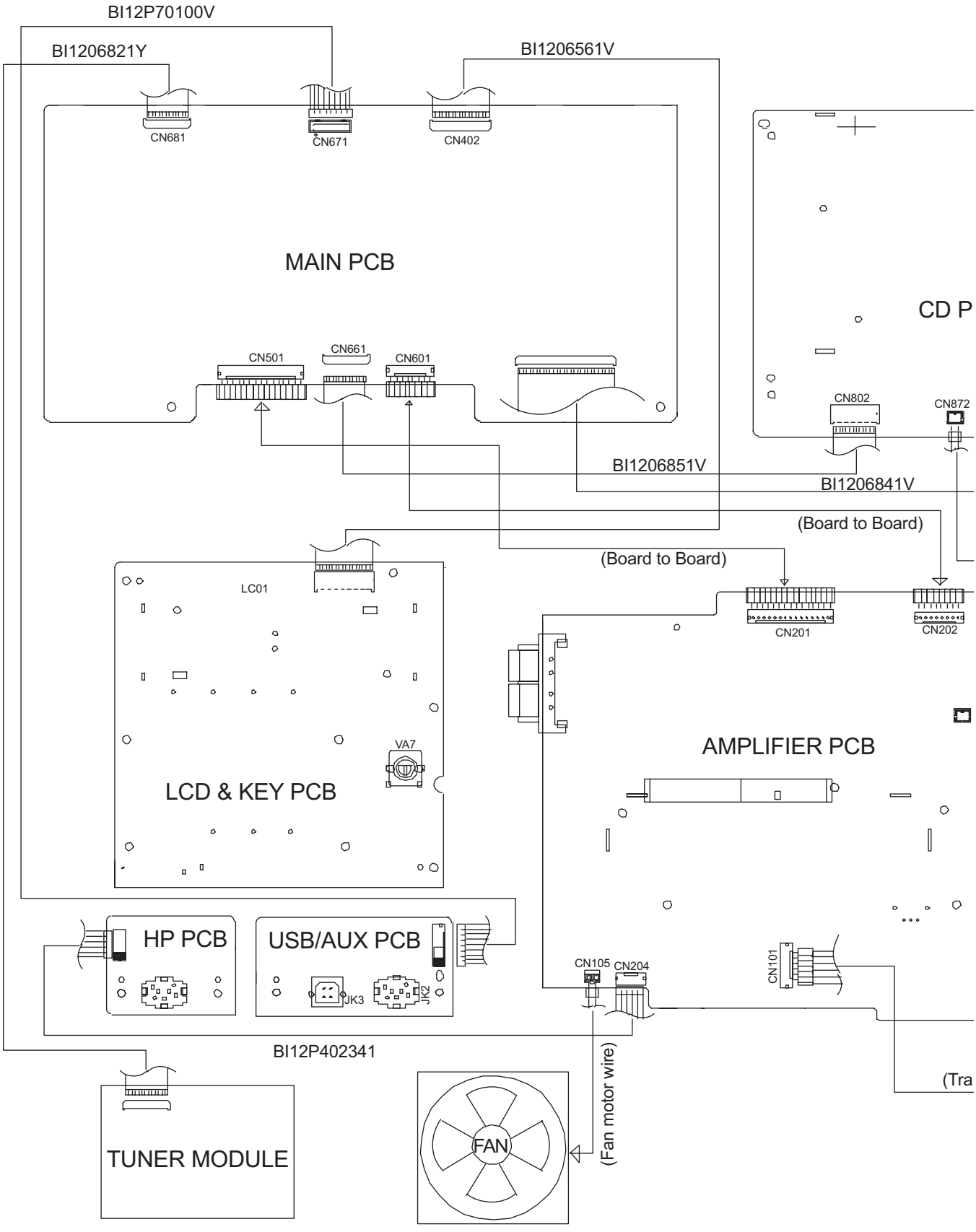
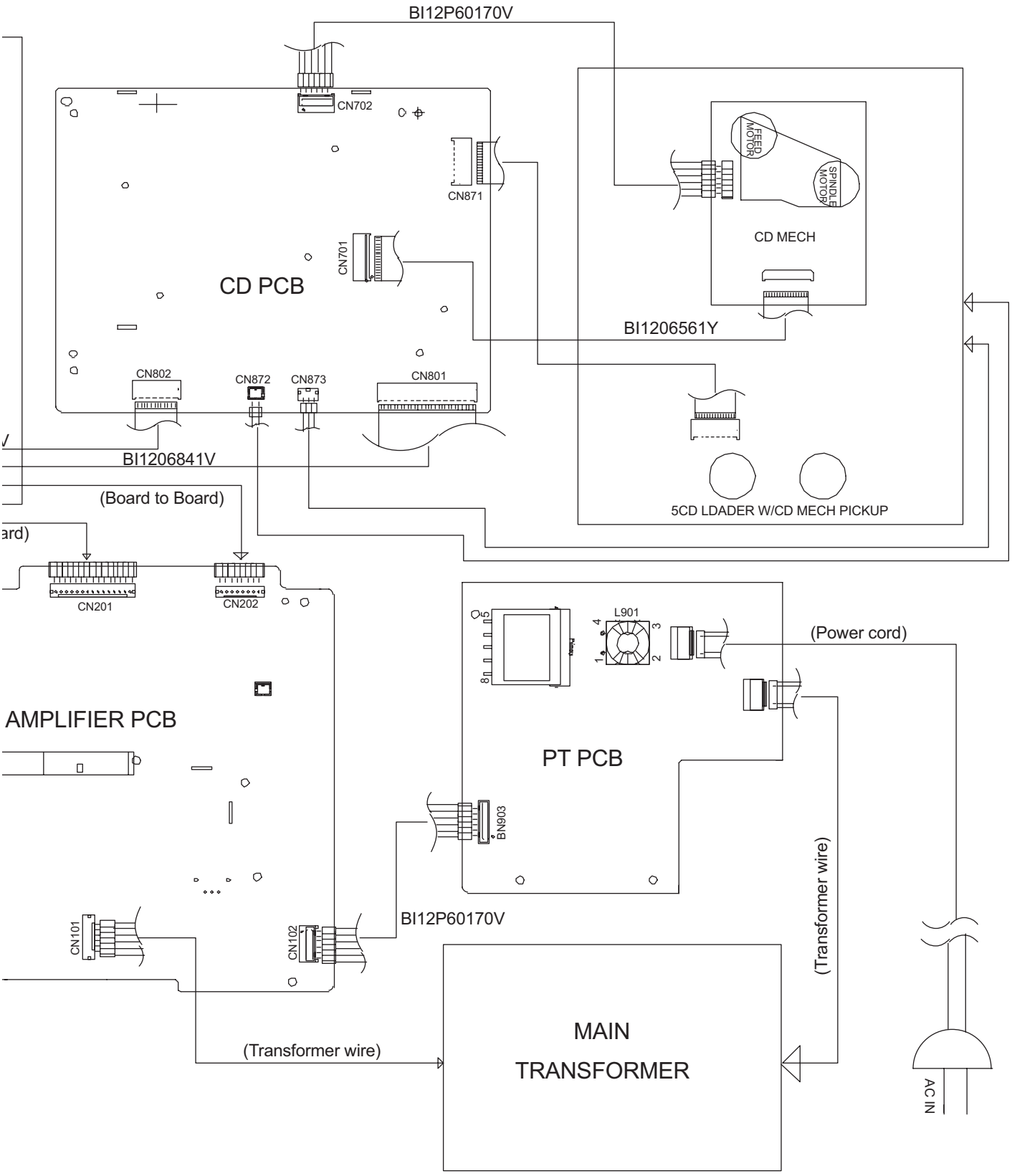
No.MB353SCH
2005/5

In regard with component parts appearing on the silk-screen printed side (parts side) of the PWB diagrams, the parts that are printed over with black such as the resistor (▬), diode (▬) and ICP (⬤) or identified by the "⚠" mark nearby are critical for safety.

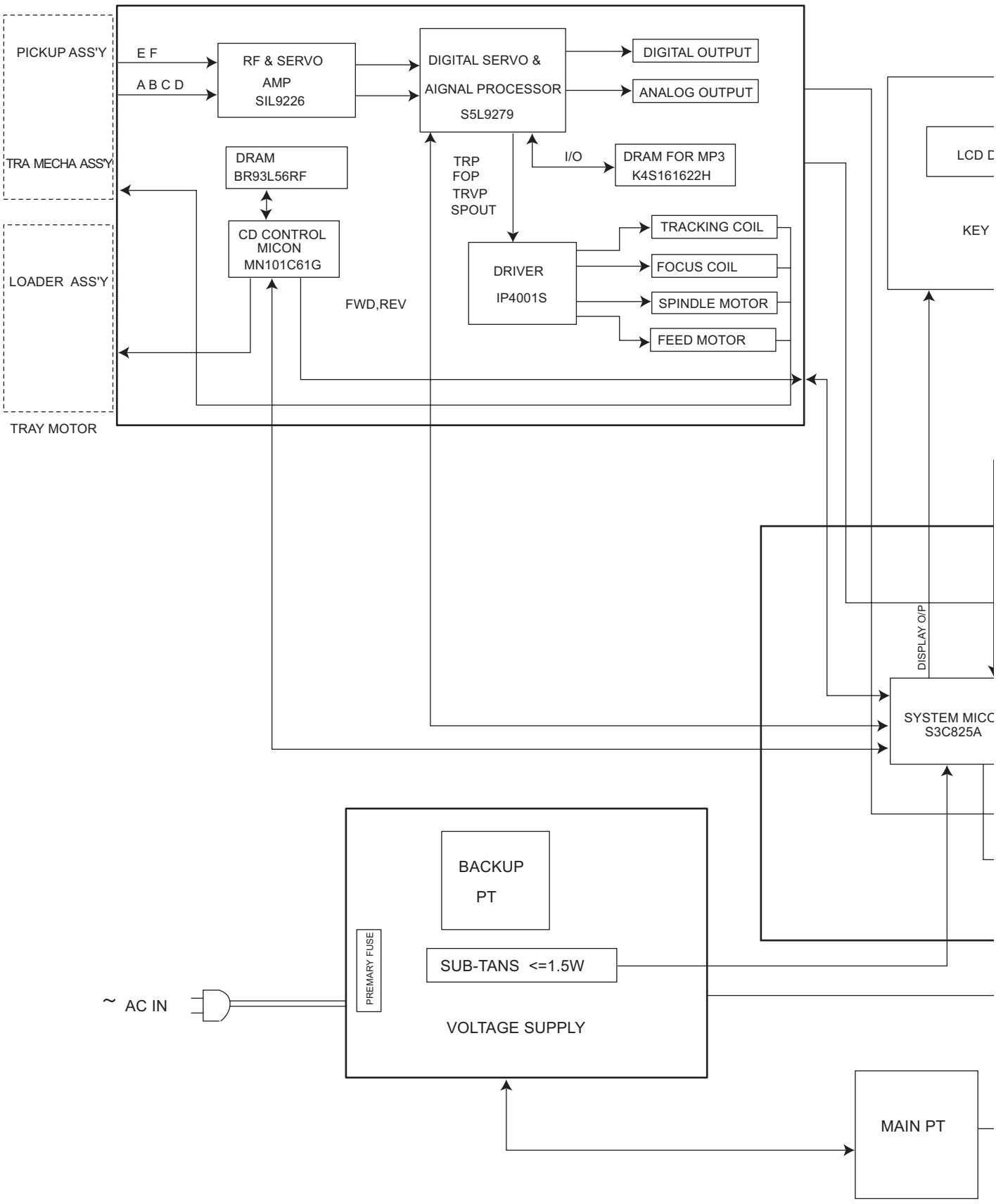
< MEMO >

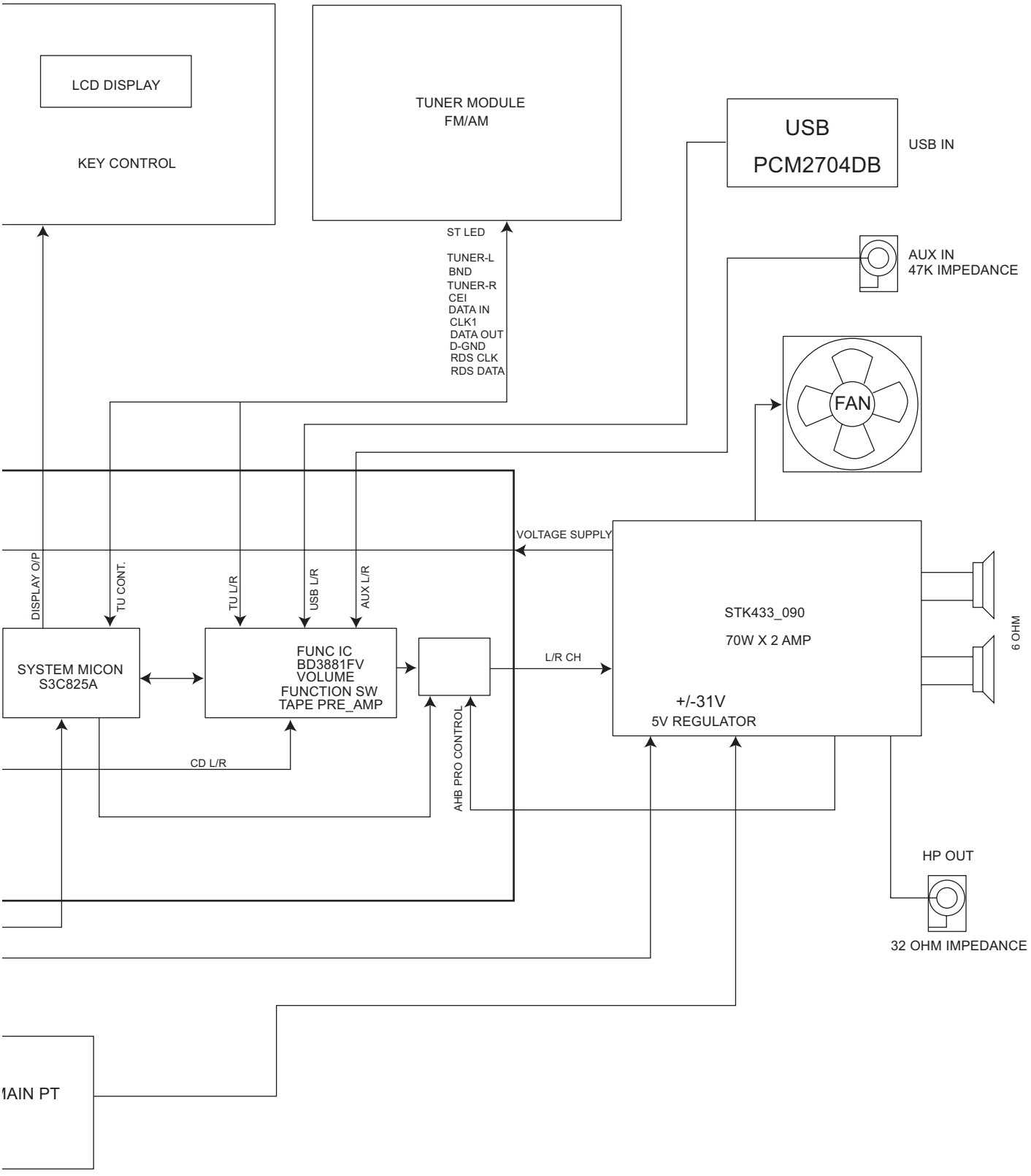
Wiring diagram




BI12P60170V
CN702
CN871
CN701
CD PCB
CD MECH
FEED MOTOR
SPINDLE MOTOR
BI1206561Y
CN802
CN872
CN873
CN801
BI1206841V
(Board to Board)
5CD LDADER W/CD MECH PICKUP
CN201
CN202
L901
(Power cord)
AMPLIFIER PCB
PT PCB
BN903
CN101
CN102
BI12P60170V
(Transformer wire)
MAIN
TRANSFORMER
(Transformer wire)
AC IN

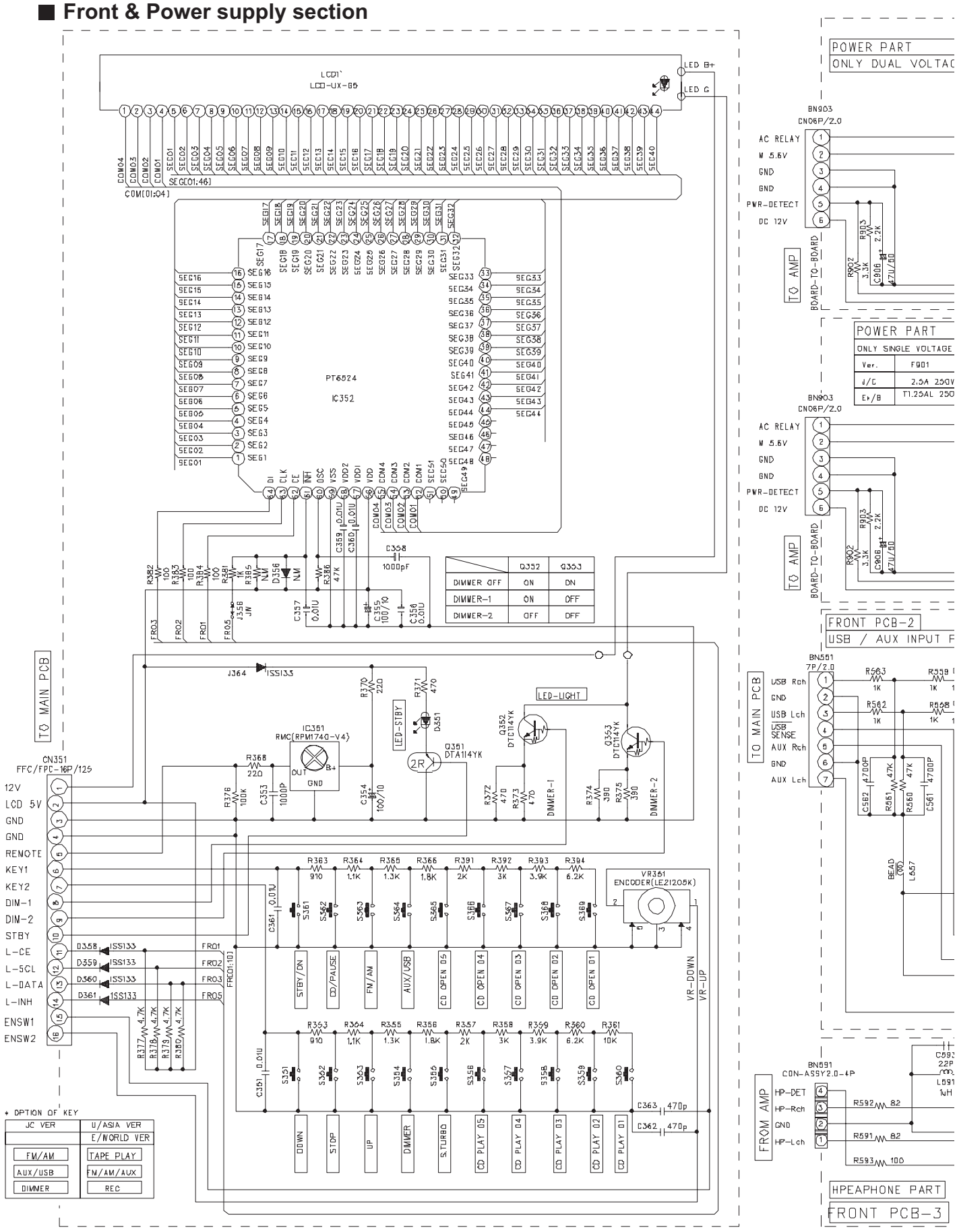
Block diagram

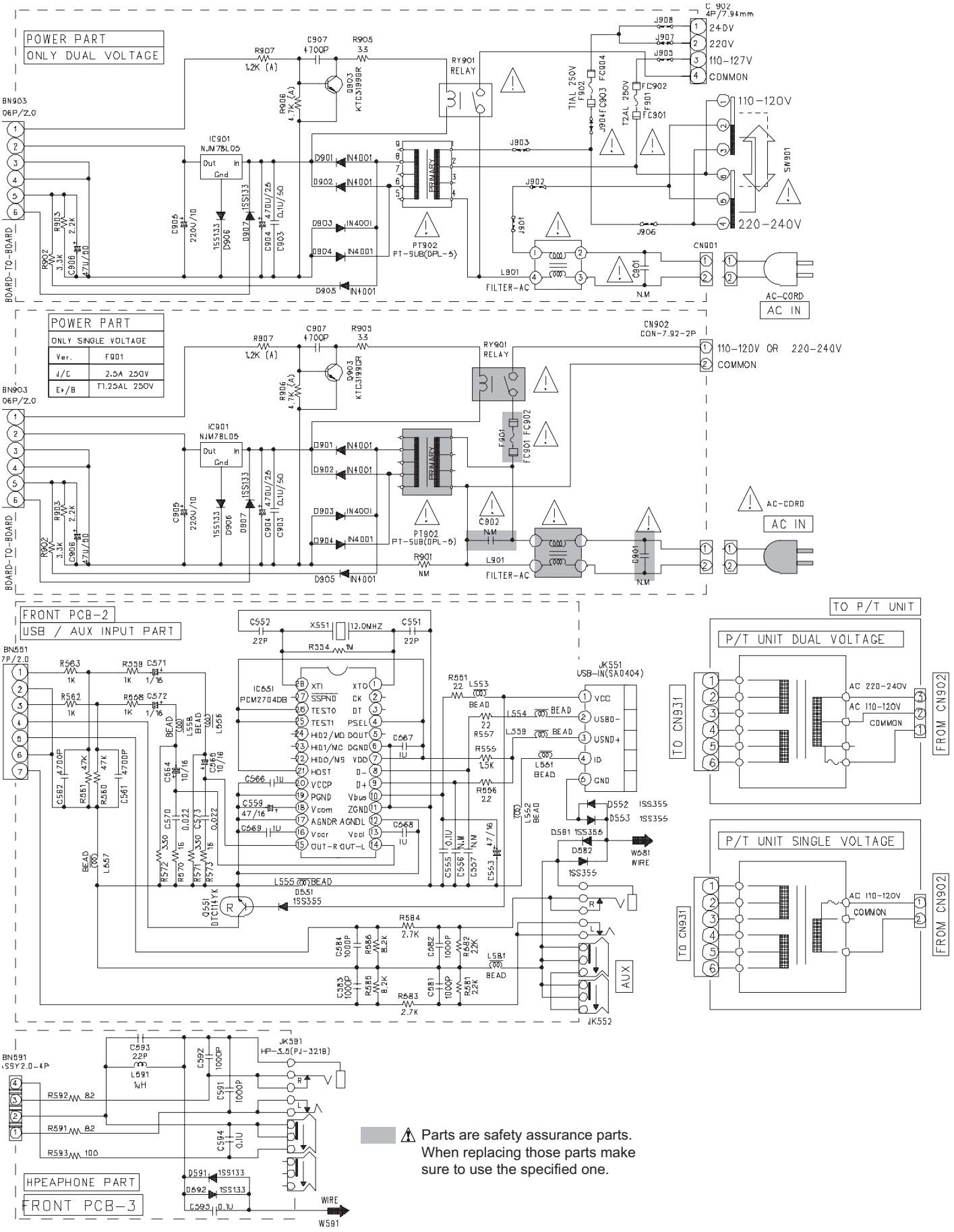



LCD DISPLAY
KEY CONTROL
TUNER MODULE
FM/AM
USB
PCM2704DB
USB IN
ST LED
TUNER-L
BND
TUNER-R
CEI
DATA IN
CLK1
DATA OUT
D-GND
RDS CLK
RDS DATA
AUX IN
47K IMPEDANCE
FAN
VOLTAGE SUPPLY
DISPLAY O/P
TU CONT.
TU L/R
USB L/R
AUX L/R
SYSTEM MICON
S3C825A
FUNC IC
BD3881FV
VOLUME
FUNCTION SW
TAPE PRE_AMP
L/R CH
STK433_090
70W X 2 AMP
+/-31V
5V REGULATOR
6 OHM
CD L/R
AHB PRO CONTROL
HP OUT
32 OHM IMPEDANCE
MAIN PT

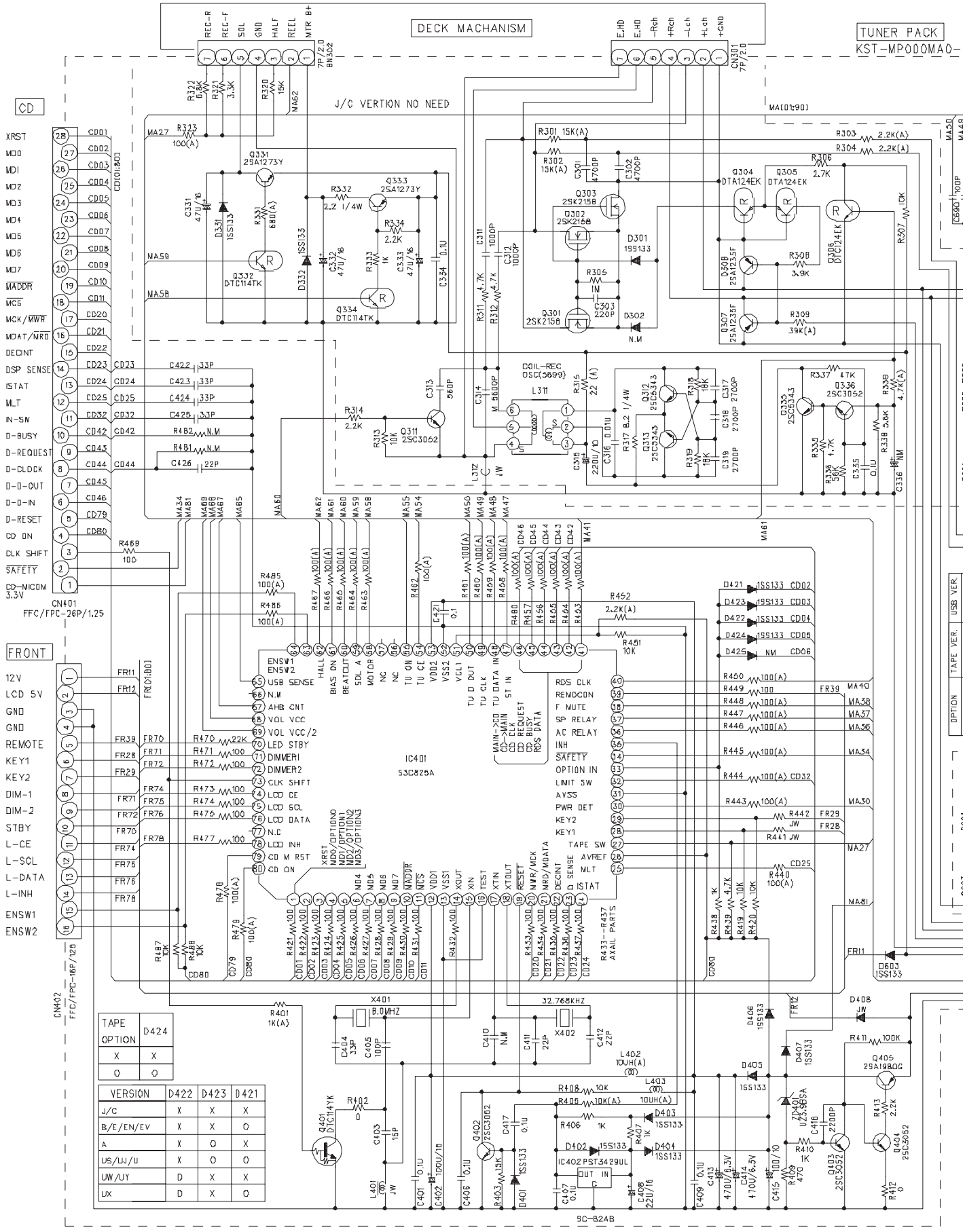
Standard schematic diagrams

■ Front & Power supply section



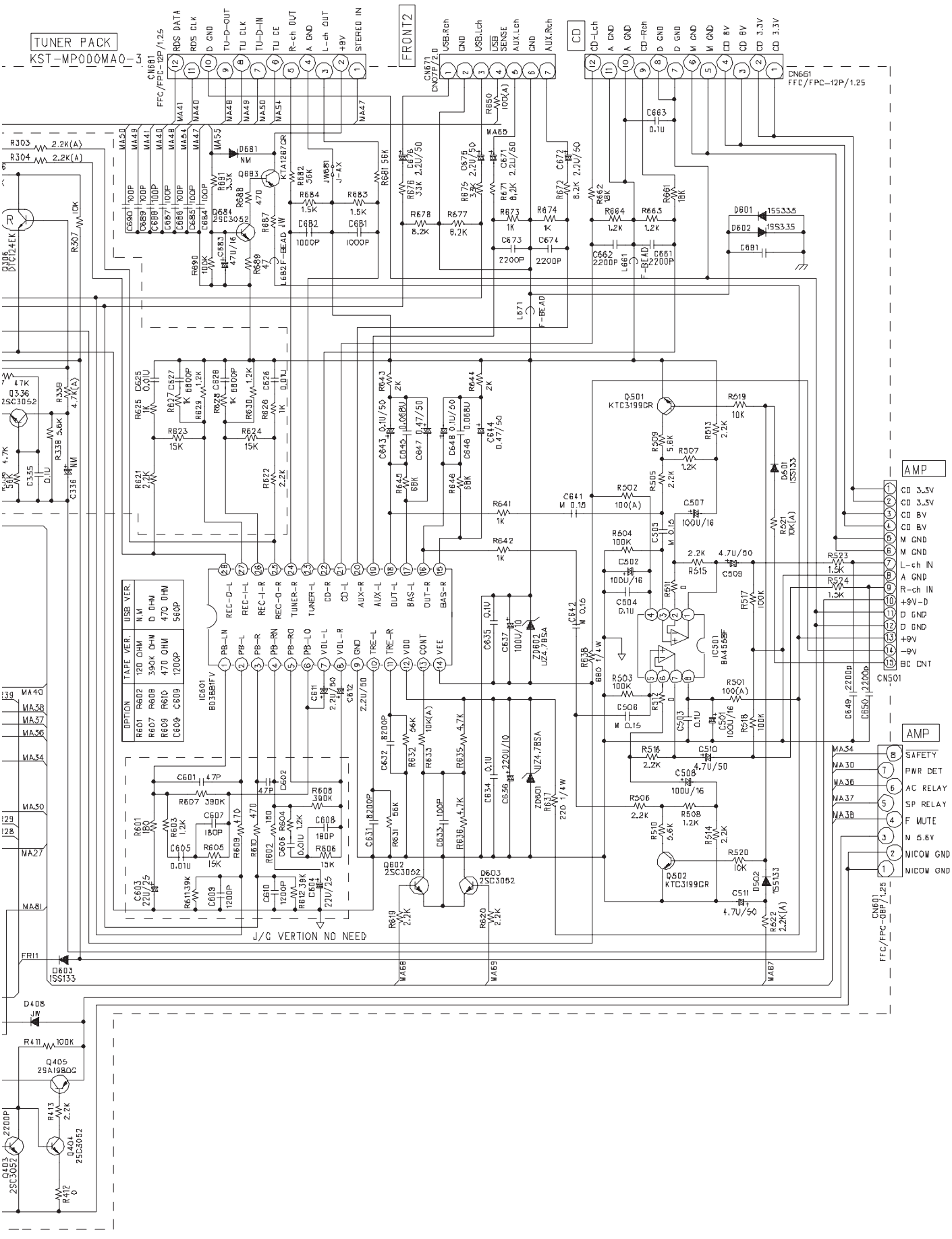

POWER PART
ONLY DUAL VOLTAGE
POWER PART
ONLY SINGLE VOLTAGE
Ver. FG01
J/C 2.5A 250V
E▸/B T1.25AL 250V
FRONT PCB-2
USB / AUX INPUT PART
HPEAPHONE PART
FRONT PCB-3
TO P/T UNIT
P/T UNIT DUAL VOLTAGE
P/T UNIT SINGLE VOLTAGE
TO CN931
FROM CN902
AC 220-240V
AC 110-120V
COMMON
110-120V
220-240V
24.0V
220V
110-127V
AC-CORD
AC IN
PRIMARY
FILTER-AC
PT-SUB(DPL-5)
RELAY
IC901 NJM78L05
IC551 PCM2704DB
JK551 USB-IN(SA0404)
JK552
JK591 HP-3.5(PJ-321B)
VCC
USB0-
USN0+
ID
GND
AUX
WIRE
W581
W591
Parts are safety assurance parts. When replacing those parts make sure to use the specified one.

■ Main section

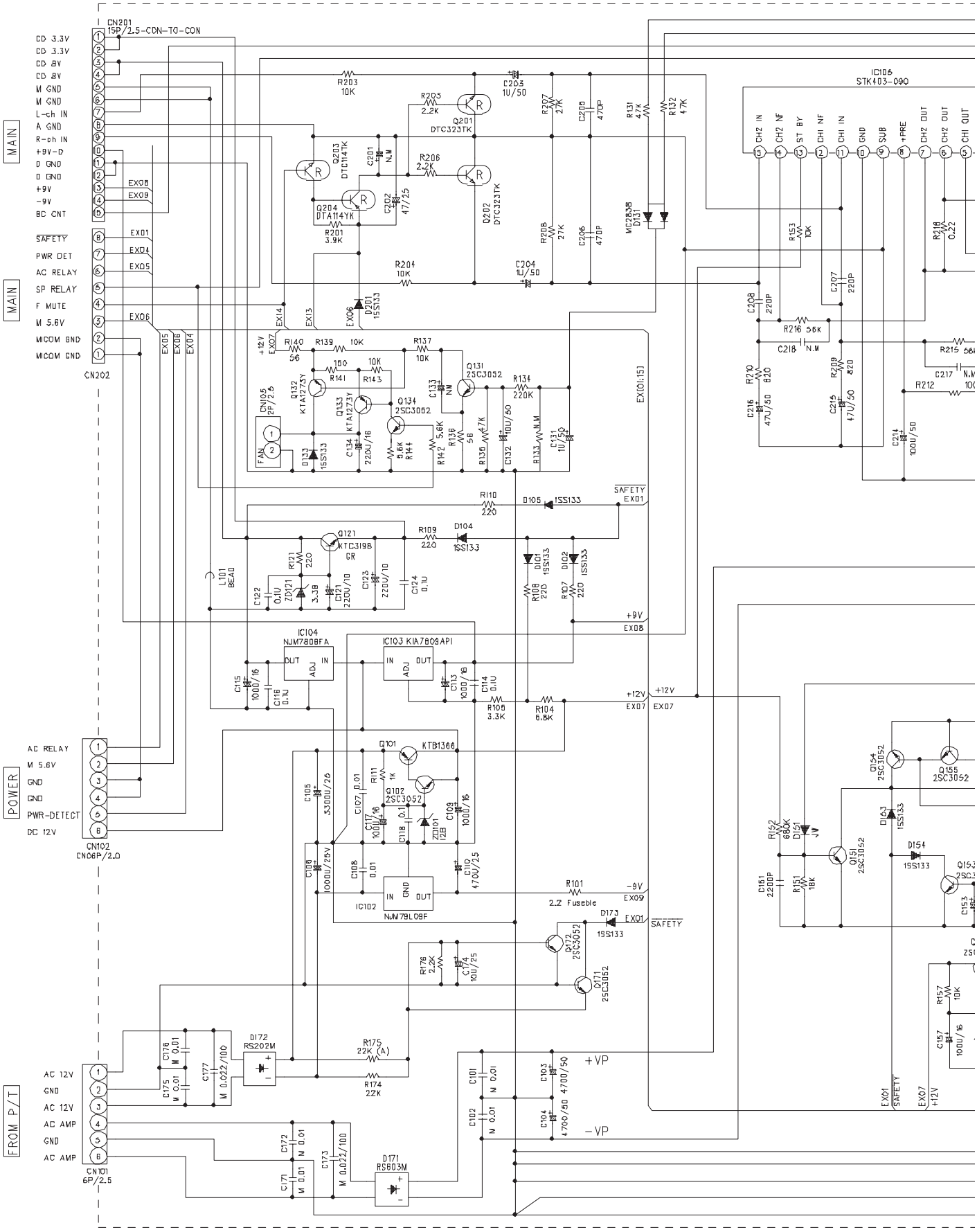


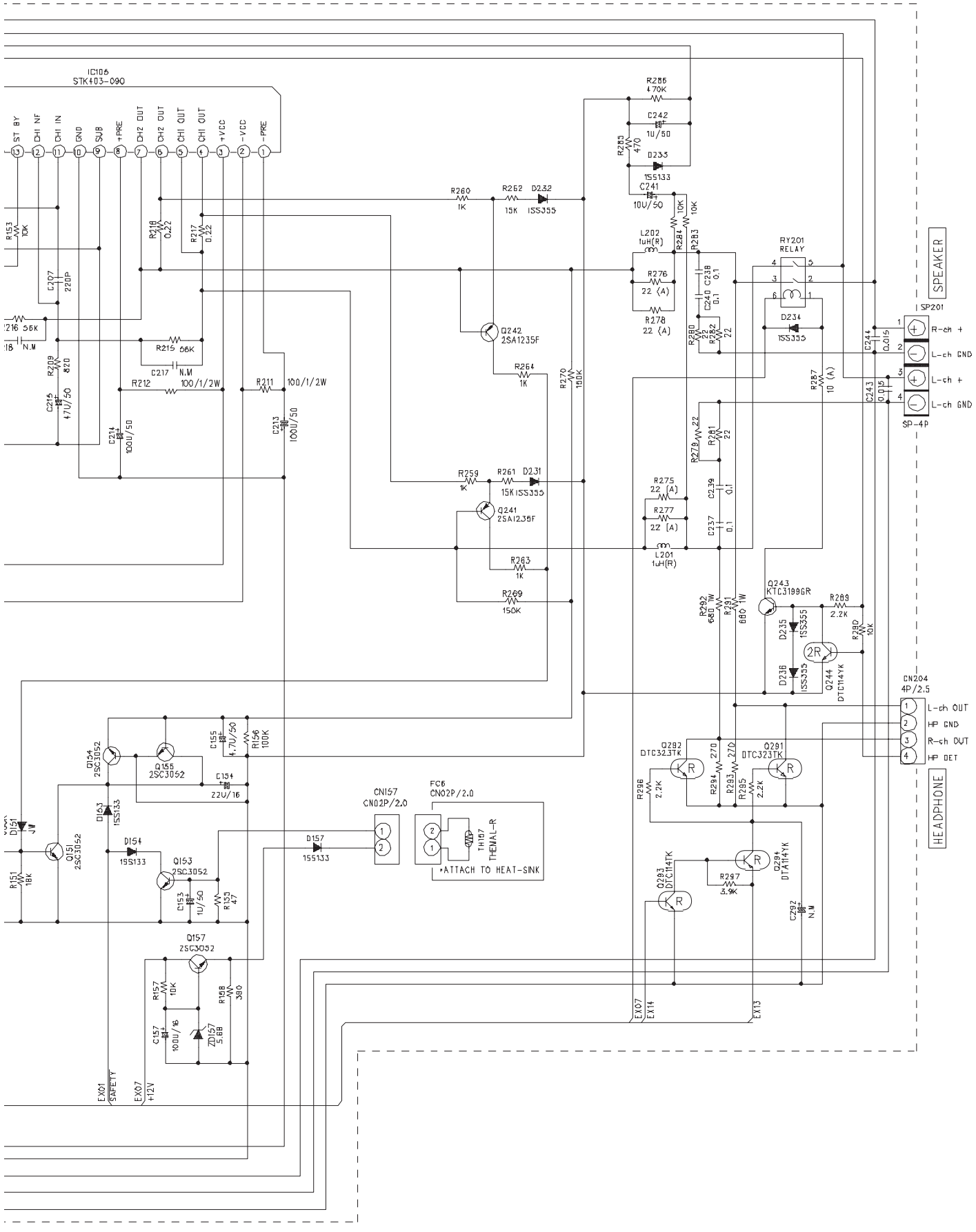
TAPE OPTION	D424
X	X
O	O

VERSION	D422	D423	D421
J/C	X	X	X
B/E/EN/EV	X	X	O
A	X	O	X
US/UU/U	X	O	O
UW/UY	D	X	X
UX	D	X	O


TUNER PACK
KST-MP0D0MA0-3
FRONT2
CD
AMP
AMP
J/C VERTION NO NEED
CN681
CN671
CN661
CN501
CN601
IC601
IC501
Q602
Q603
Q405
Q404
Q403
Q336
D501
D602
D603
D408
ZD602
ZD601
Q502
D502
RDS DATA
RDS CLK
D GND
TU-D-OUT
TU CLK
TU-D-IN
TU CE
R-ch OUT
A GND
L-ch OUT
+8V
STEREO IN
USB.Rch
GND
USB.Lch
USB SENSE
AUX.Lch
GND
AUX.Rch
CD-Lch
A GND
A GND
CD-Rch
D GND
D GND
M GND
M GND
CD 8V
CD 8V
CD 3.3V
CD 3.3V
CD 3.3V
CD 3.3V
CD BV
CD BV
M GND
M GND
L-ch IN
A GND
R-ch IN
+9V-D
D GND
D GND
+9V
-9V
BD CNT
SAFETY
PWR DET
AC RELAY
SP RELAY
F MUTE
M 5.6V
MICOM GND
MICOM GND
REC-D-L
REC-I-L
REC-I-R
REC-D-R
TUNER-R
TUNER-L
CD-R
CD-L
AUX-R
AUX-L
OUT-L
BAS-L
OUT-R
BAS-R
PB-LN
PB-L
PB-R
PB-RN
PB-RD
PB-LD
VOL-L
VOL-R
GND
TRE-L
TRE-R
VDD
CONT
VEE
OPTION
TAPE VER.
USB VER.
R601
R602
R607
R608
R609
R610
C609
C609
120 OHM
390K OHM
470 OHM
1200P
N.M
0 OHM
470 OHM
560P

■ Amp section


CN201
15P/2.5-CDN-TO-CON
CD 3.3V
CD 3.3V
CD 8V
CD 8V
M GND
M GND
L-ch IN
A GND
R-ch IN
+8V-D
D GND
D GND
+9V
-9V
BC CNT
SAFETY
PWR DET
AC RELAY
SP RELAY
F MUTE
M 5.6V
MICOM GND
MICOM GND
CN202
MAIN
MAIN
IC106
STK403-090
CH2 IN
CH2 NF
ST BY
CH1 NF
CH1 IN
GND
SUB
+PRE
CH2 OUT
CH2 OUT
CH1 OUT
R203 10K
R205 2.2K
Q201 DTC323TK
C203 1U/50
R207 27K
C205 470P
R131 47K
R132 4.7K
Q203 DTC114TK
C201 N.M
R206 2.2K
Q202 DTC323TK
Q204 DTA114YK
C202 47/25
R201 3.9K
R208 27K
C206 470P
MIC2838 D131
R204 10K
C204 1U/50
D201 1SS133
R153 10K
R218 2W 0.22
C208 220P
C207 220P
R216 56K
C218 N.M
R215 56K
C217 N.M
R212 10K
R210 820
R209 820
C216 47U/50
C215 47U/50
C214 100U/50
R140 56
R139 10K
R137 10K
R141 150
R143 10K
Q131 2SC3052
R134 220K
Q132 KTA1273Y
Q133 KTA1273Y
Q134 2SC3052
CN105 2P/2.5
FAN
C133 N.M
C134 220U/16
R136 5.6K
R144 5.6K
R142 5.6K
R138 5R
R135 4.7K
C132 10U/50
R133 N.M
C131 1U/50
D133 1SS133
EX01(15)
R110 220
D105 1SS133
SAFETY
EX01
R109 220
D104 1SS133
Q121 KTC3198 GR
R121 220
ZD121 3.3B
C121 220U/10
C123 220U/10
C124 0.1U
C122 0.1U
L101 BEAD
D101 1SS133
D102 1SS133
R108 220
R107 220
+9V
EX08
IC104
NJM7808FA
IC103 KIA7809API
C115 1000/16
C116 0.1U
C113 1000/16
C114 0.1U
R105 3.3K
R104 6.8K
+12V
EX07
AC RELAY
M 5.6V
GND
GND
PWR-DETECT
DC 12V
CN102
CN06P/2.0
POWER
Q101 KTB1366
Q102 2SC3052
C105 3300U/25
C107 0.01
R111 1K
C117 100U/16
C118 0.1
ZD101 12B
C109 1000/16
C106 10000U/25V
C108 0.01
C110 470U/25
IC102
NJM79L09F
R101 2.2 Fuseble
-9V
EX09
D173 1SS133
EX01
SAFETY
Q172 2SC3052
Q171 2SC3052
R178 22K
C174 100U/25
Q154 2SC3052
Q156 2SC3052
R152 680K
D151 1W
D153 1SS133
Q151 2SC3052
D154 1SS133
C151 2200P
R151 18K
R157 10K
C157 100U/16
C153
EX01
SAFETY
EX07
+12V
AC 12V
GND
AC 12V
AC AMP
GND
AC AMP
CN101
6P/2.5
FROM P/T
D172 RS202M
R175 22K (A)
R174 22K
C176 M 0.01
C175 M 0.01
C177 M 0.022/100
C172 M 0.01
C171 M 0.01
C173 M 0.022/100
D171 RS603M
C101 M 0.01
C102 M 0.01
C103 4700/50
C104 4700/50
+VP
-VP


IC106
STK403-090
ST BY
CH1 NF
CH1 IN
GND
SUB
+PRE
CH2 OUT
CH2 OUT
CH1 OUT
CH1 OUT
+VCC
-VCC
-PRE
SPEAKER
SP201
R-ch +
L-ch GND
L-ch +
L-ch GND
SP-4P
RY201
RELAY
CN204
4P/2.5
L-ch OUT
HP GND
R-ch OUT
HP DET
HEADPHONE
CN157
CN02P/2.0
FC6
CN02P/2.0
TH187
THERMAL-R
ATTACH TO HEAT-SINK
EX01
SAFETY
EX07
+12V
EX07
EX14
EX13
Q242
2SA1235F
Q241
2SA1236F
Q243
KTC3199GR
Q244
DTC114YK
Q292
DTC323TK
Q291
DTC323TK
Q293
DTC114TK
Q294
DTA114YK
Q151
2SC3052
Q153
2SC3052
Q154
2SC3052
Q155
2SC3052
Q157
2SC3052
L201
1uH(R)
L202
1uH(R)
D231
1SS355
D232
1SS355
D233
1SS133
D234
1SS355
D235
1SS355
D236
1SS355
D151
D153
1SS133
D154
1SS133
D157
1SS133
ZD157
5.6B
R153
10K
R151
18K
R152
47
R154
100K
R155
2.2K
R156
100K
R157
10K
R158
390
R159
1K
R160
1K
R161
15K
R162
15K
R163
1K
R164
1K
R165
22
R166
22
R167
22
R168
22
R169
2.2K
R170
10K
R171
10K
R172
10K
R173
10K
R174
10K
R175
22 (A)
R176
22 (A)
R177
22 (A)
R178
22
R179
22
R180
22
R181
22
R182
680 1W
R183
680 1W
R184
10K
R185
470
R186
470K
R187
10 (A)
R188
2.2K
R189
2.2K
R190
10K
R191
2.2K
R192
2.2K
R193
270
R194
270
R195
2.2K
R196
2.2K
R197
3.9K
R198
10K
R199
10K
R200
10K
R201
10K
R202
10K
R203
10K
R204
10K
R205
10K
R206
10K
R207
10K
R208
10K
R209
820
R210
0.22
R211
100/1/2W
R212
100/1/2W
R213
0.22
R214
56K
R215
56K
R216
56K
R217
0.22
R218
0.22
C151
JW
C153
1U/50
C154
220/16
C155
4.7U/50
C156
4.7U/50
C157
100U/16
C158
4.7U/50
C159
4.7U/50
C160
4.7U/50
C161
4.7U/50
C162
4.7U/50
C163
4.7U/50
C164
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C165
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C168
4.7U/50
C169
4.7U/50
C170
4.7U/50
C171
4.7U/50
C172
4.7U/50
C173
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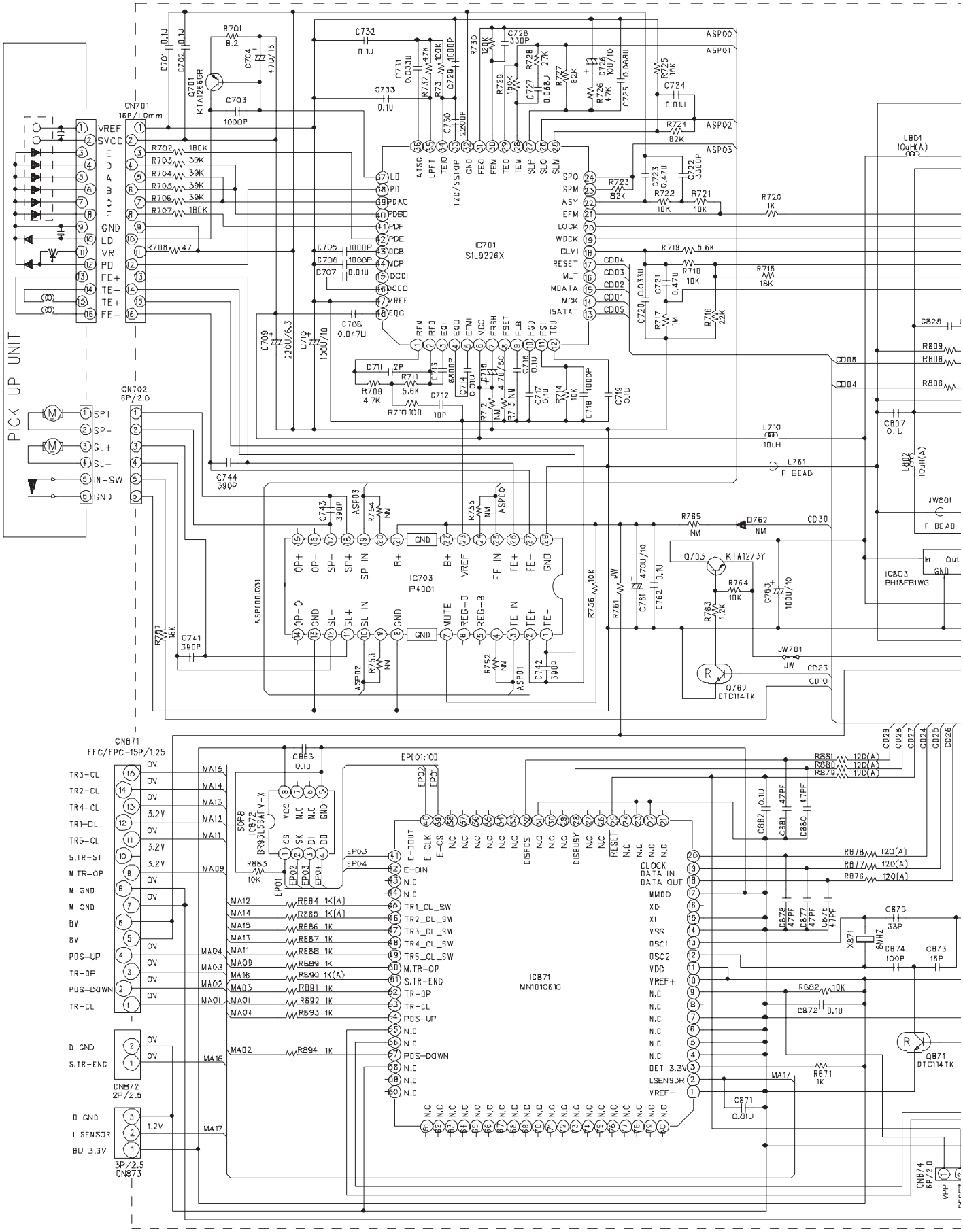
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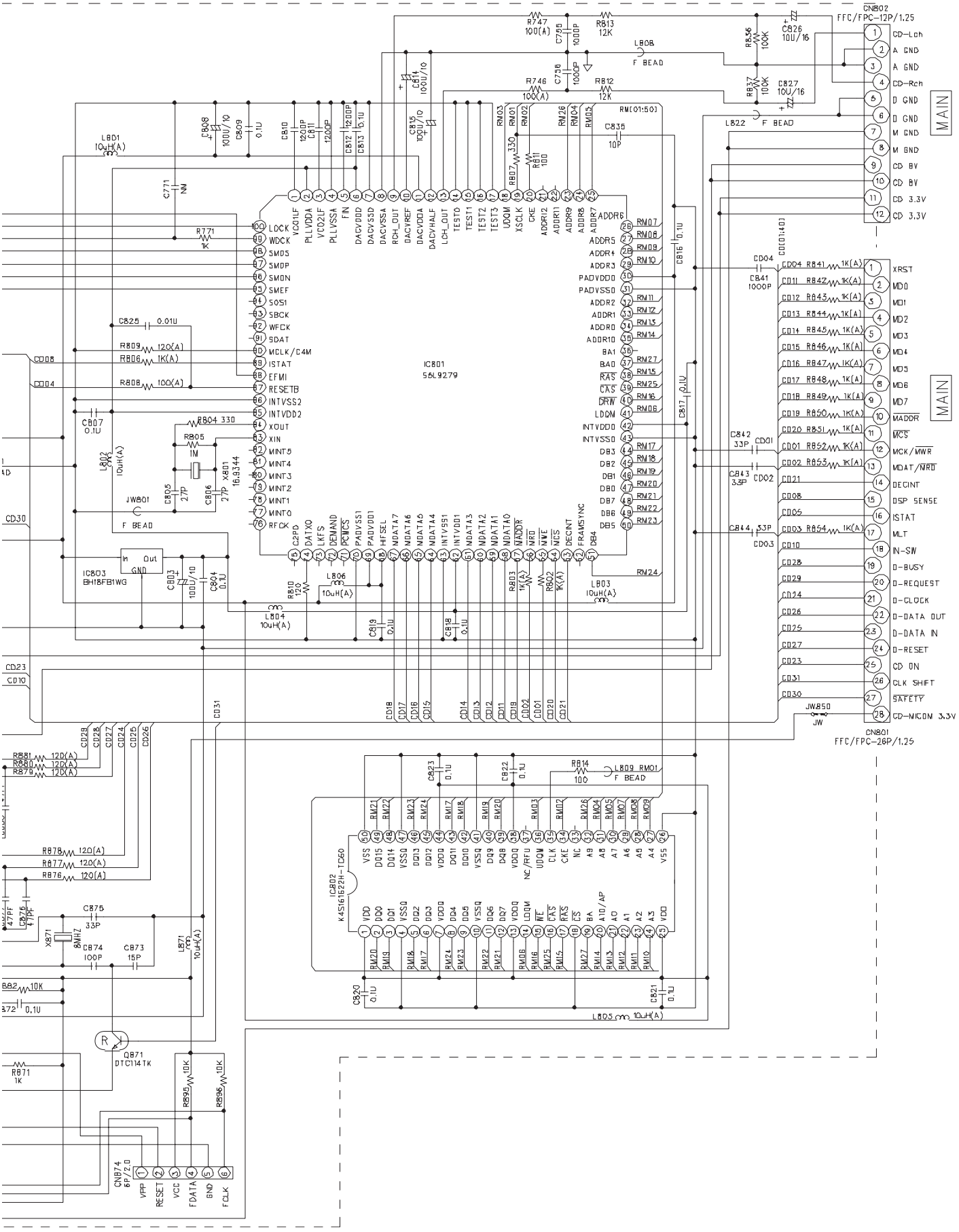
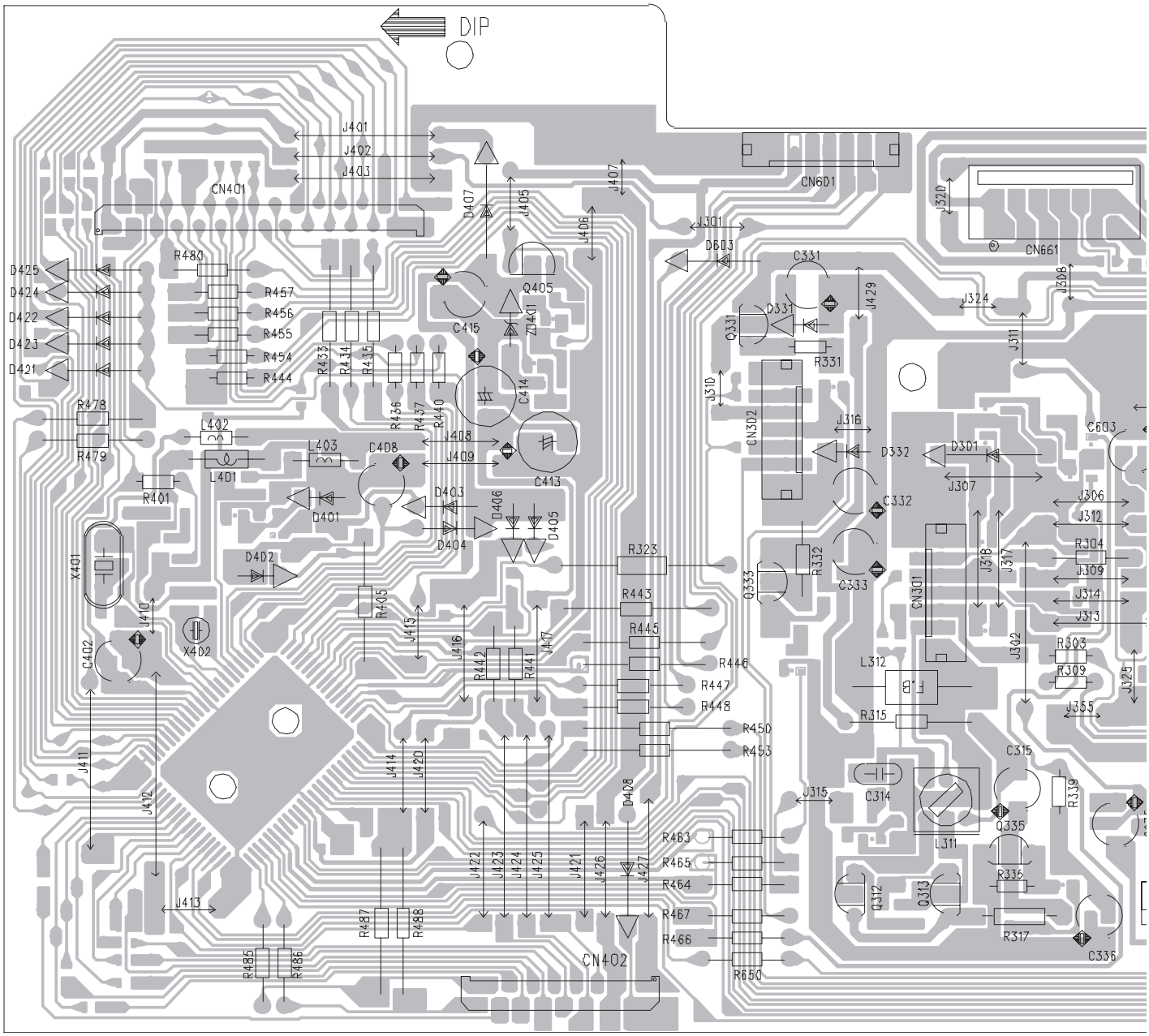
BH18FB1WG

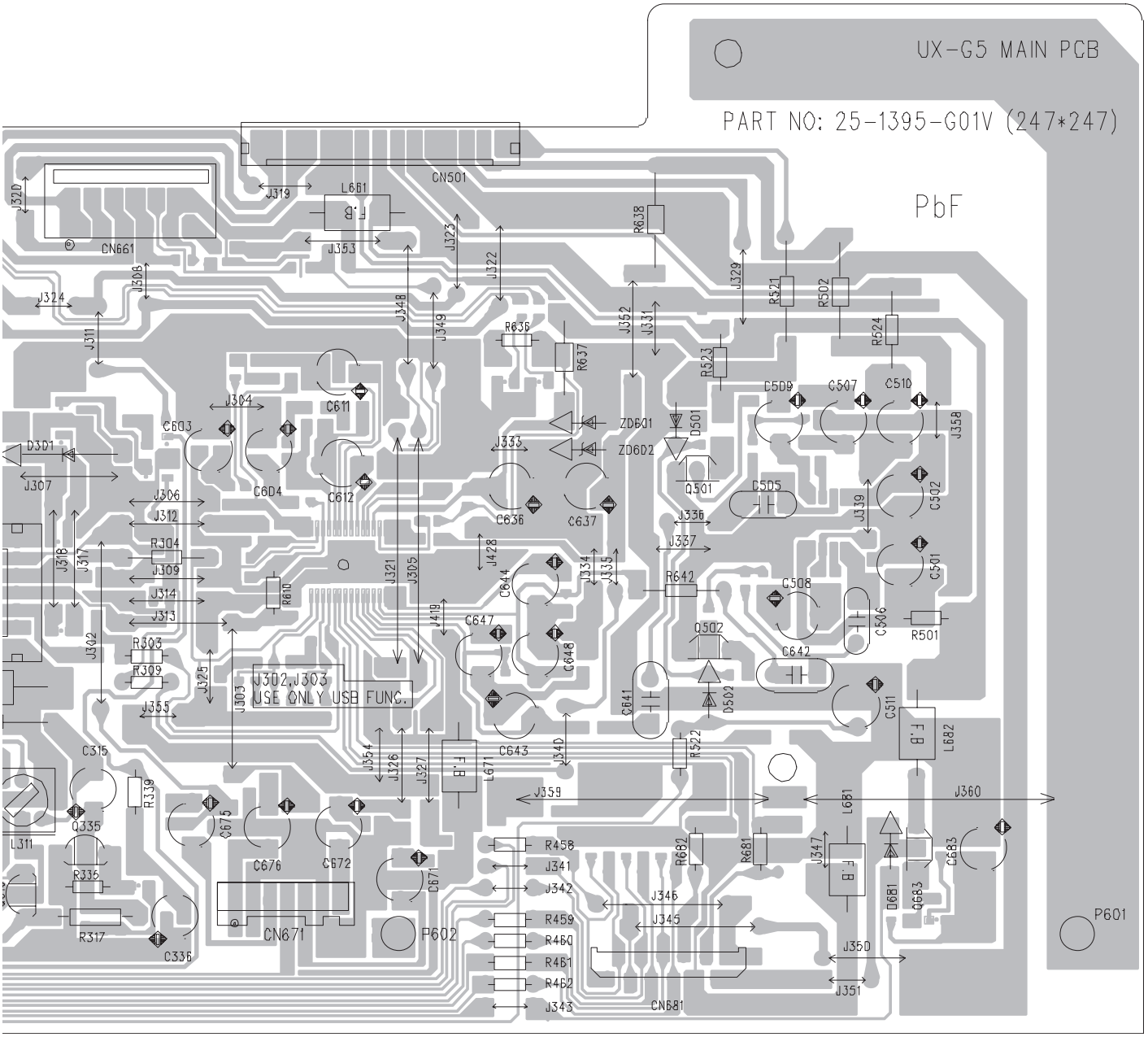

IC801
SSL9279
IC802
K4S161622H-TC60
IC803
BH18FB1WG
CN802
FFC/FPC-12P/1.25
CN801
FFC/FPC-26P/1.25
CN874
6P/2.0
MAIN
MAIN
CD-Lch
A GND
A GND
CD-Rch
D GND
D GND
M GND
M GND
CD 5V
CD 5V
CD 3.3V
CD 3.3V
XRST
MD0
MD1
MD2
MD3
MD4
MD5
MD6
MD7
MADDR
MCS
MCK/MWR
MDAT/MRD
DECINT
DSP SENSE
ISTAT
MLT
IN-SW
D-BUSY
D-REQUEST
D-CLOCK
D-DATA OUT
D-DATA IN
D-RESET
CD ON
CLK SHIFT
SAFETY
CD-MICON 3.3V
VPP
RESET
VCC
FDATA
GND
FCLK
F BEAD
RM[01:50]
LBD1
10uH(A)
L802
10uH(A)
L804
10uH(A)
L806
10uH(A)
LB03
10uH(A)
L805
10uH(A)
L871
10uH(A)
LB08
F BEAD
L822
F BEAD
L809 RM01
F BEAD
JW801
F BEAD
JW850
JW
X801
16.9344
X871
8MHZ
Q871
DTC114TK

Printed circuit boards

■ **Main board** (forward side) Lead free solder used in the board (material : Sn-Ag-Cu, melting point : 219 C

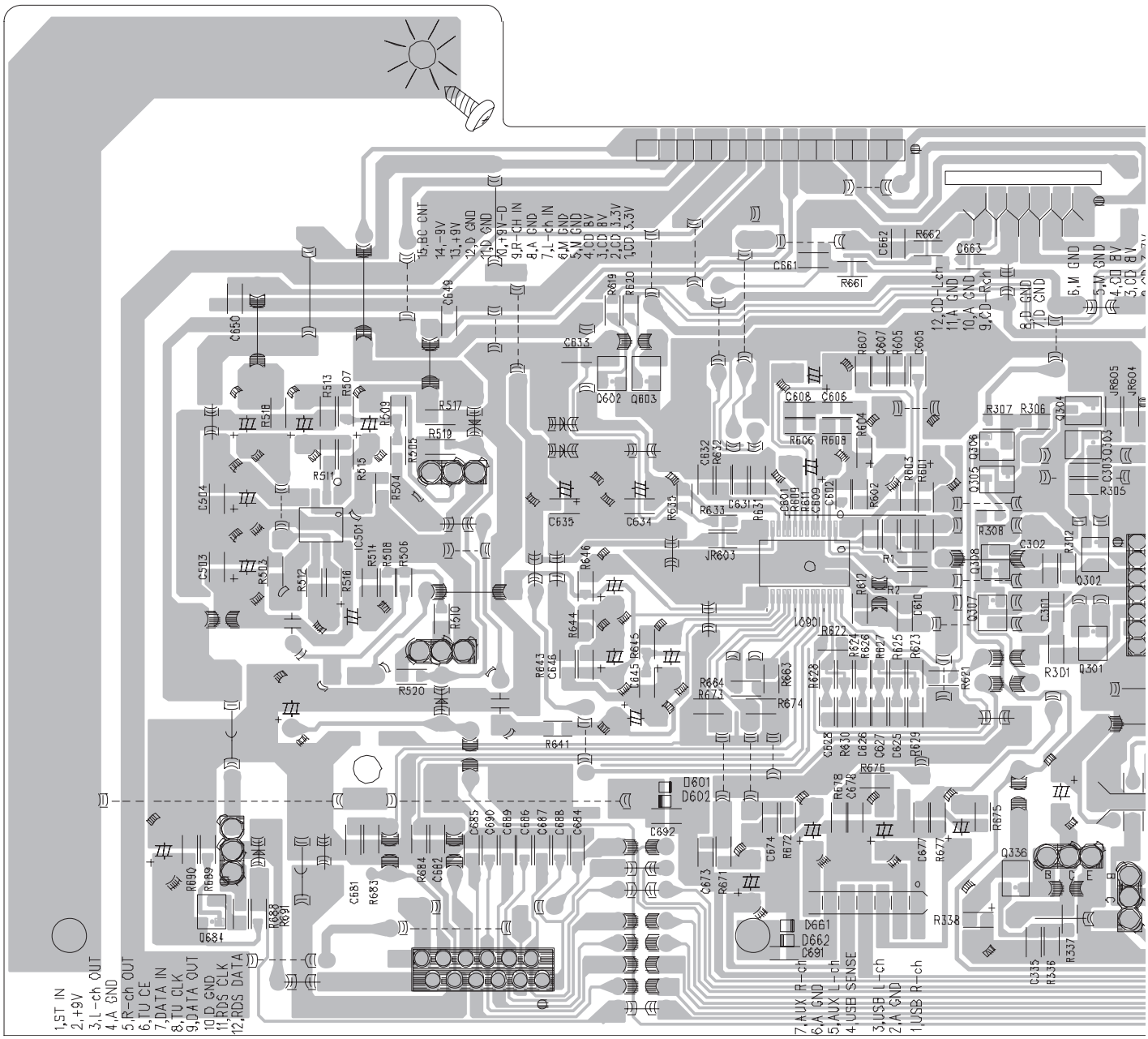


-Cu, melting point : 219 Centigrade)

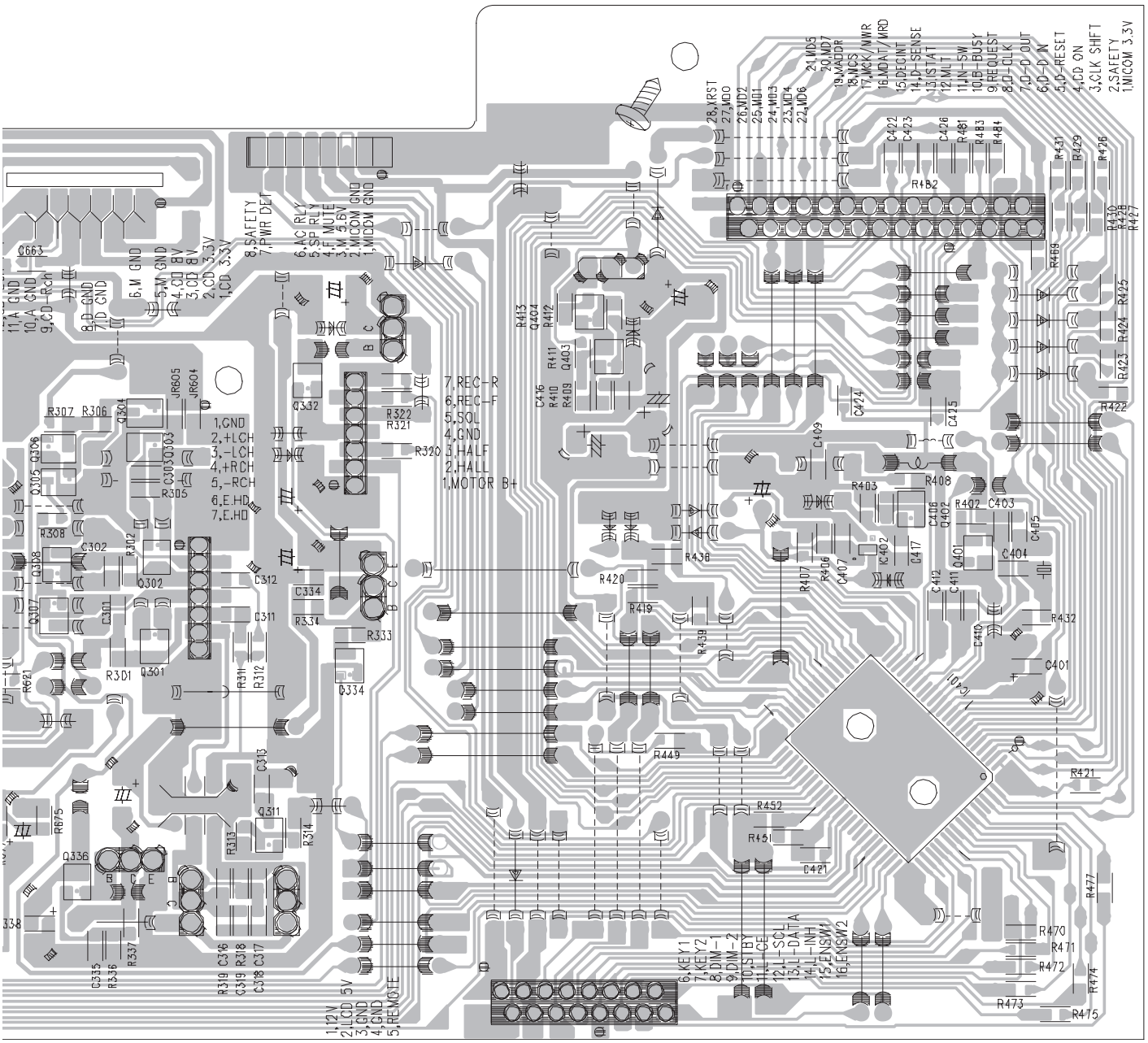


■ Main board (reverse side)

Lead free solder used in the board (material : Sn-Ag-Cu, melting point : 219 Centigrac

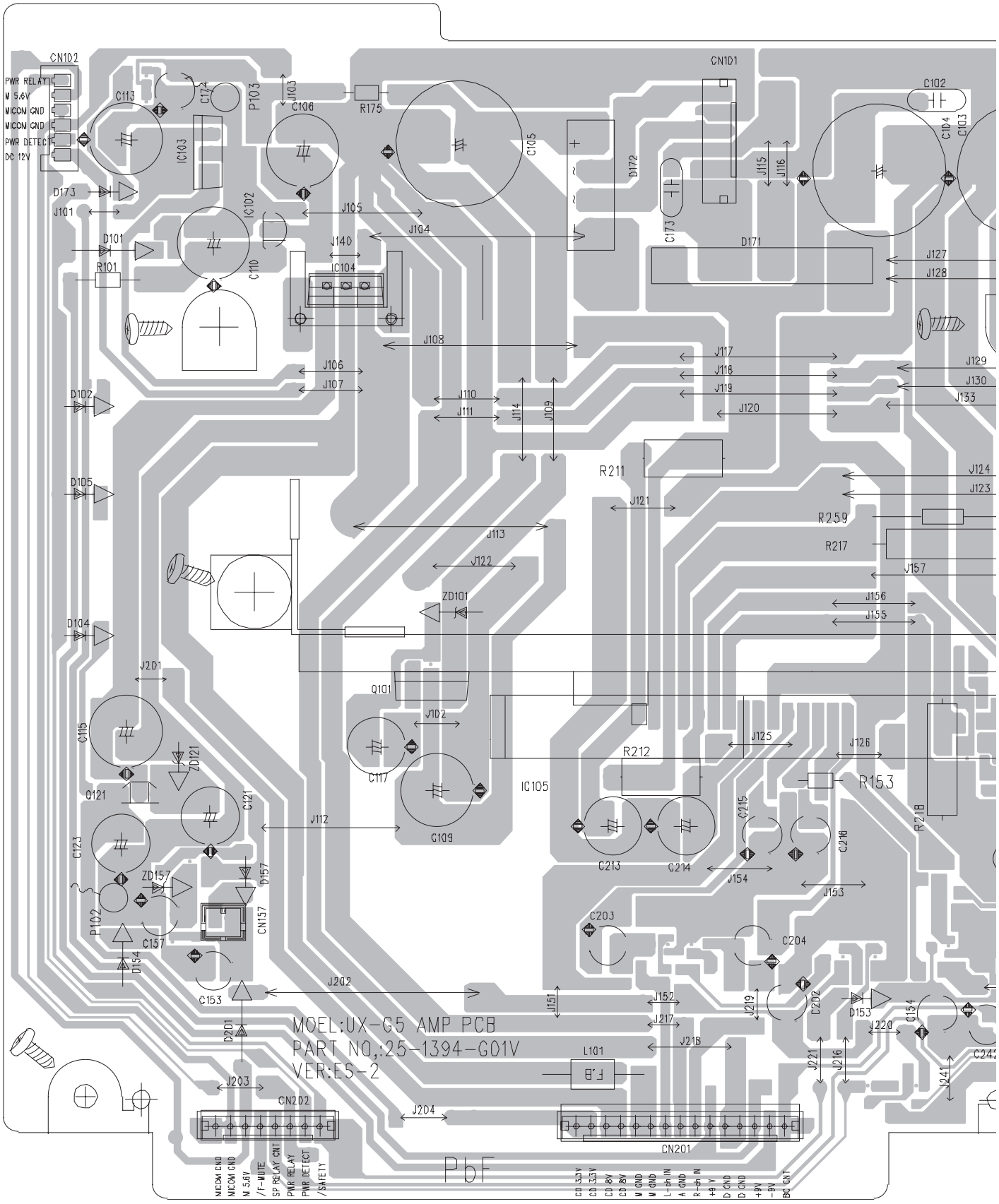


ng point : 219 Centigrade)

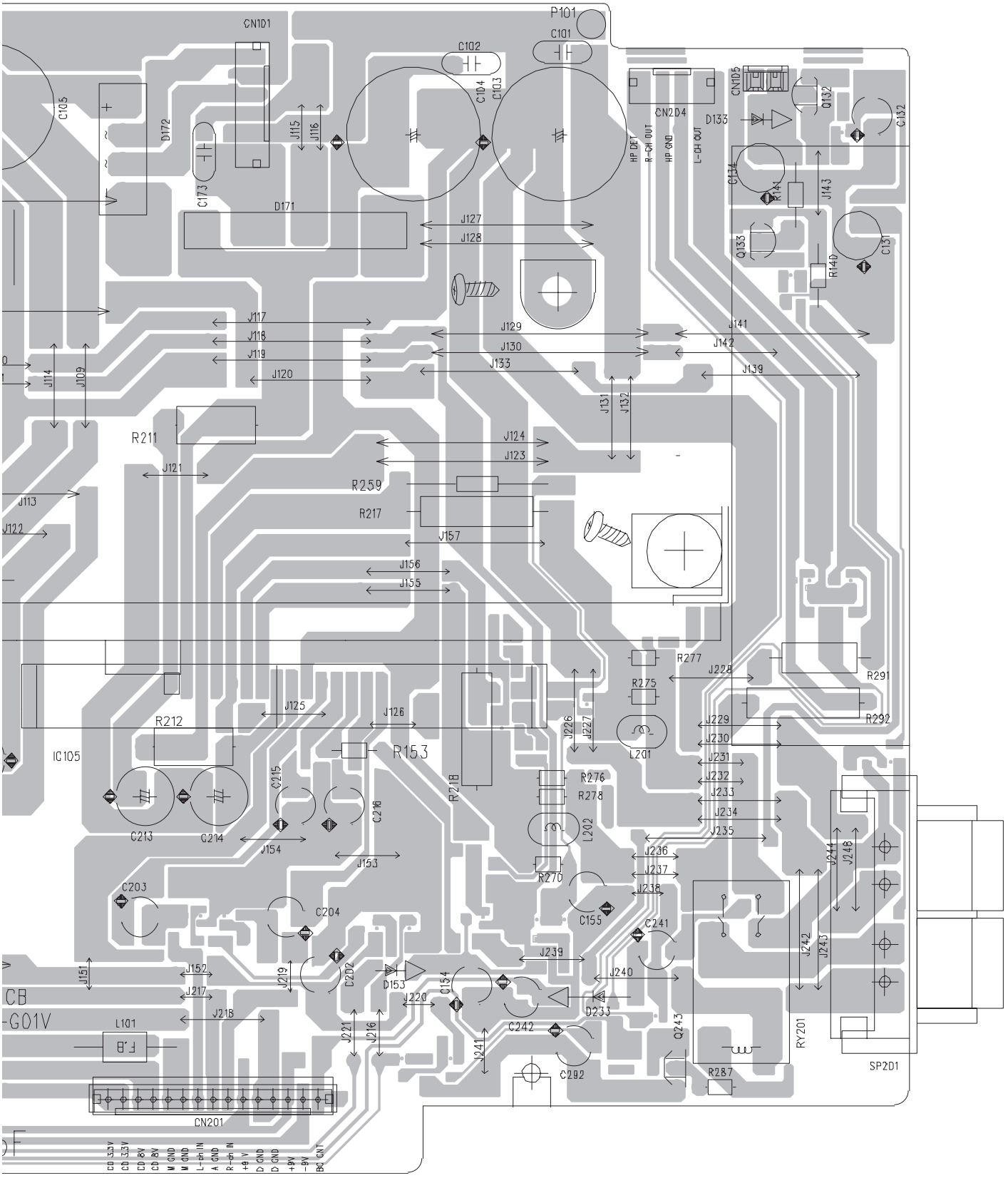


■ Amp board (forward side)

Lead free solder used in the board (material : Sn-Ag-Cu, melting point : 219 Centi

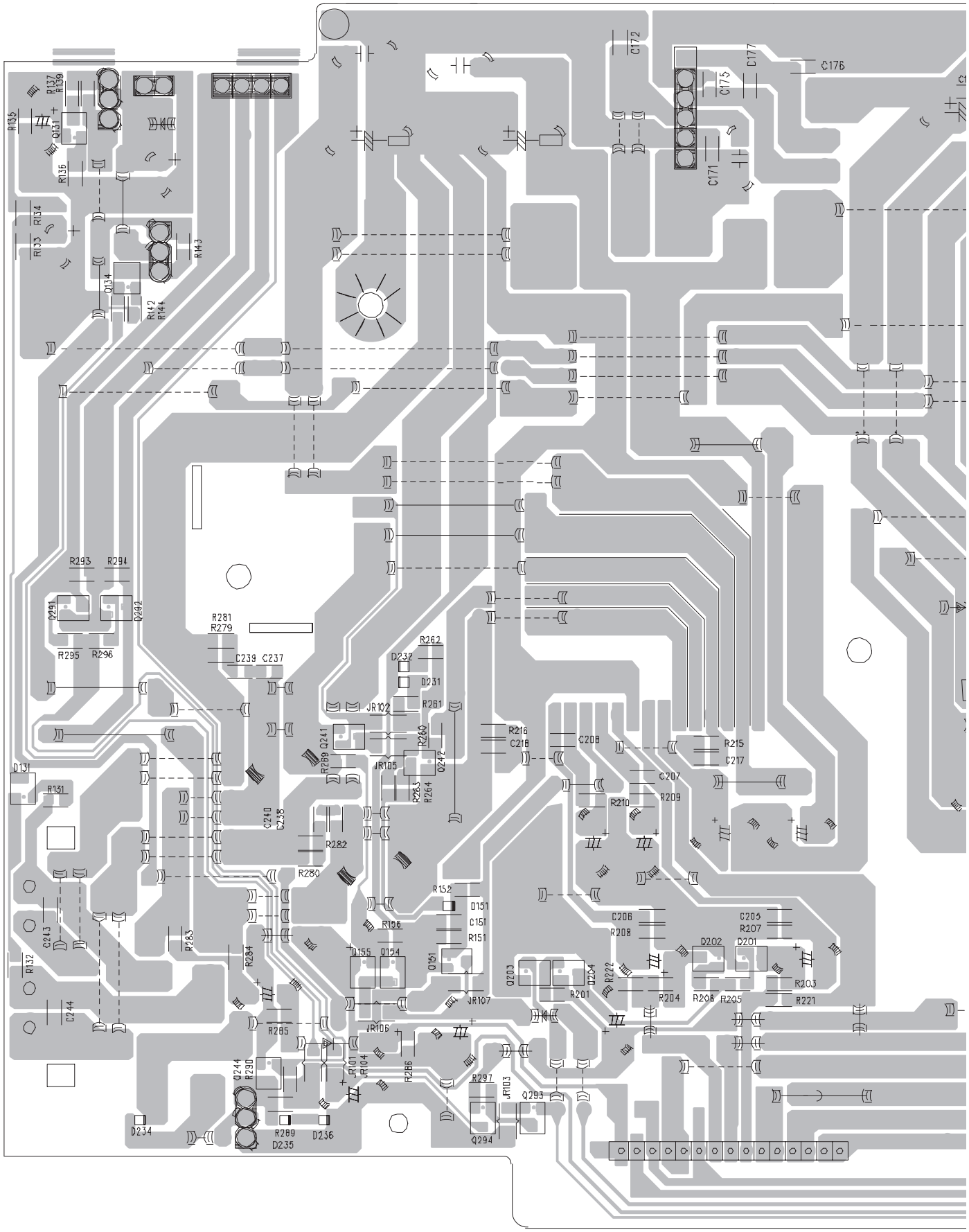


older used in the board (material : Sn-Ag-Cu, melting point : 219 Centigrade)

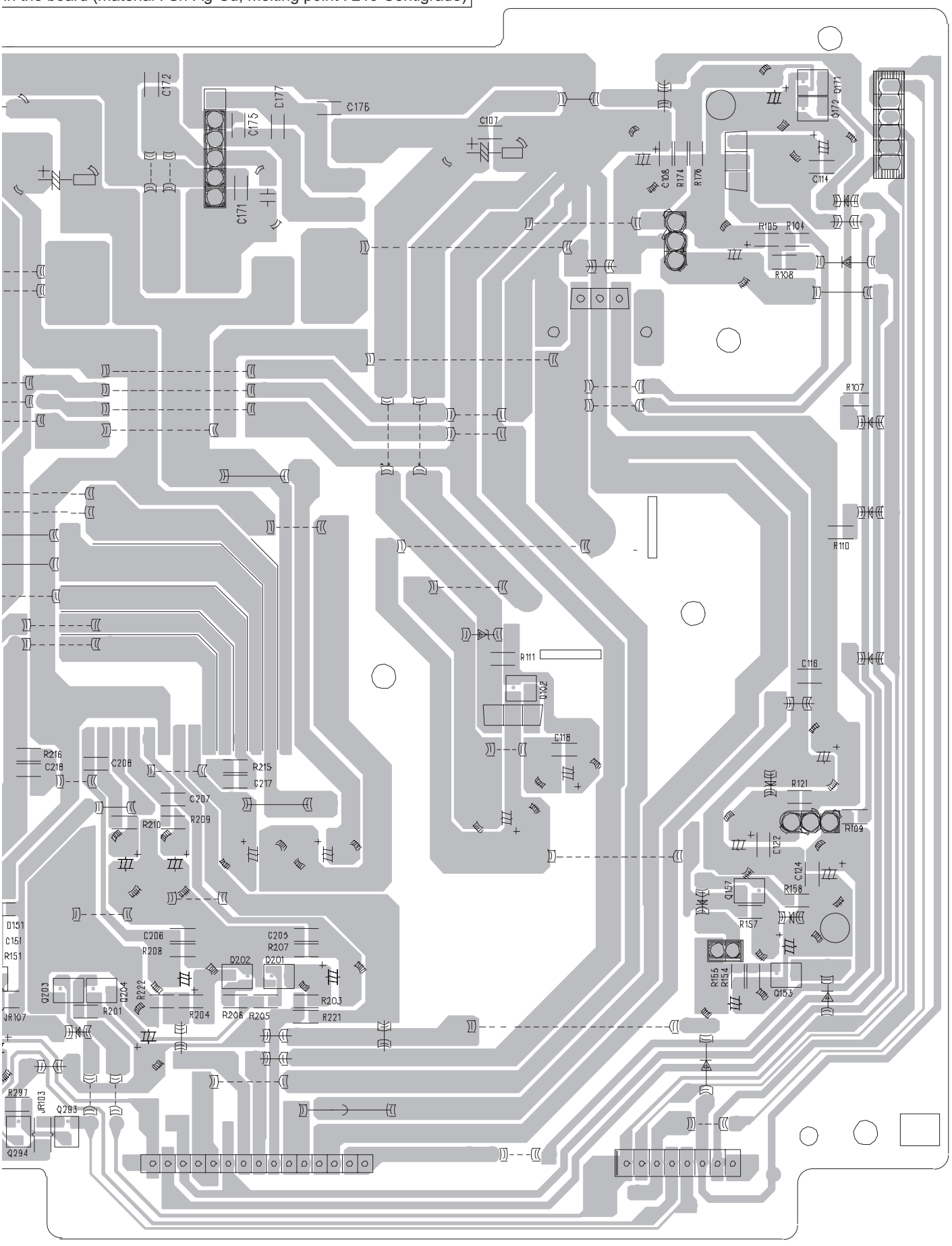


■ Amp board (reverse side)

Lead free solder used in the board (material : Sn-Ag-Cu, melting point : 219 Centigrade)

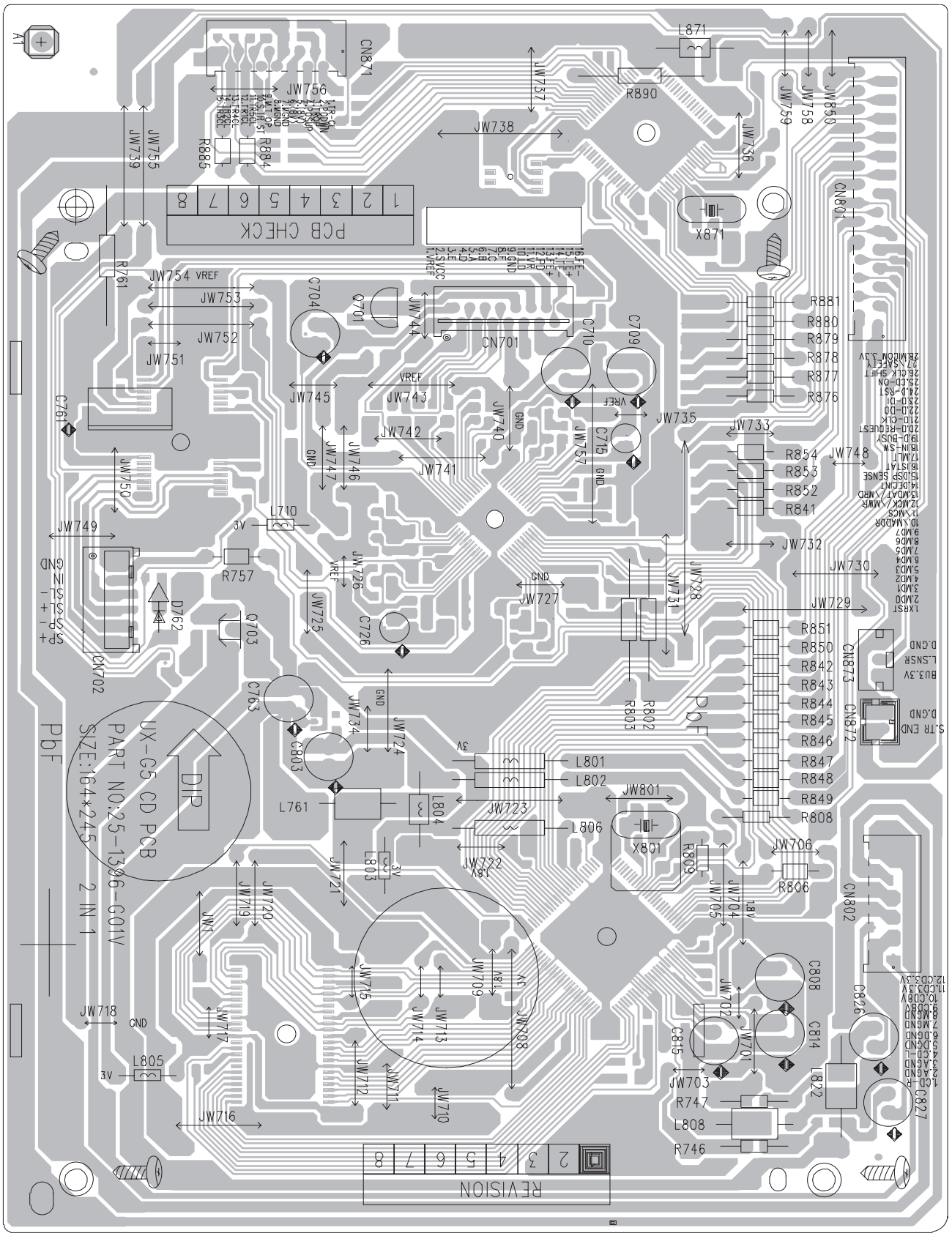


in the board (material : Sn-Ag-Cu, melting point : 219 Centigrade)



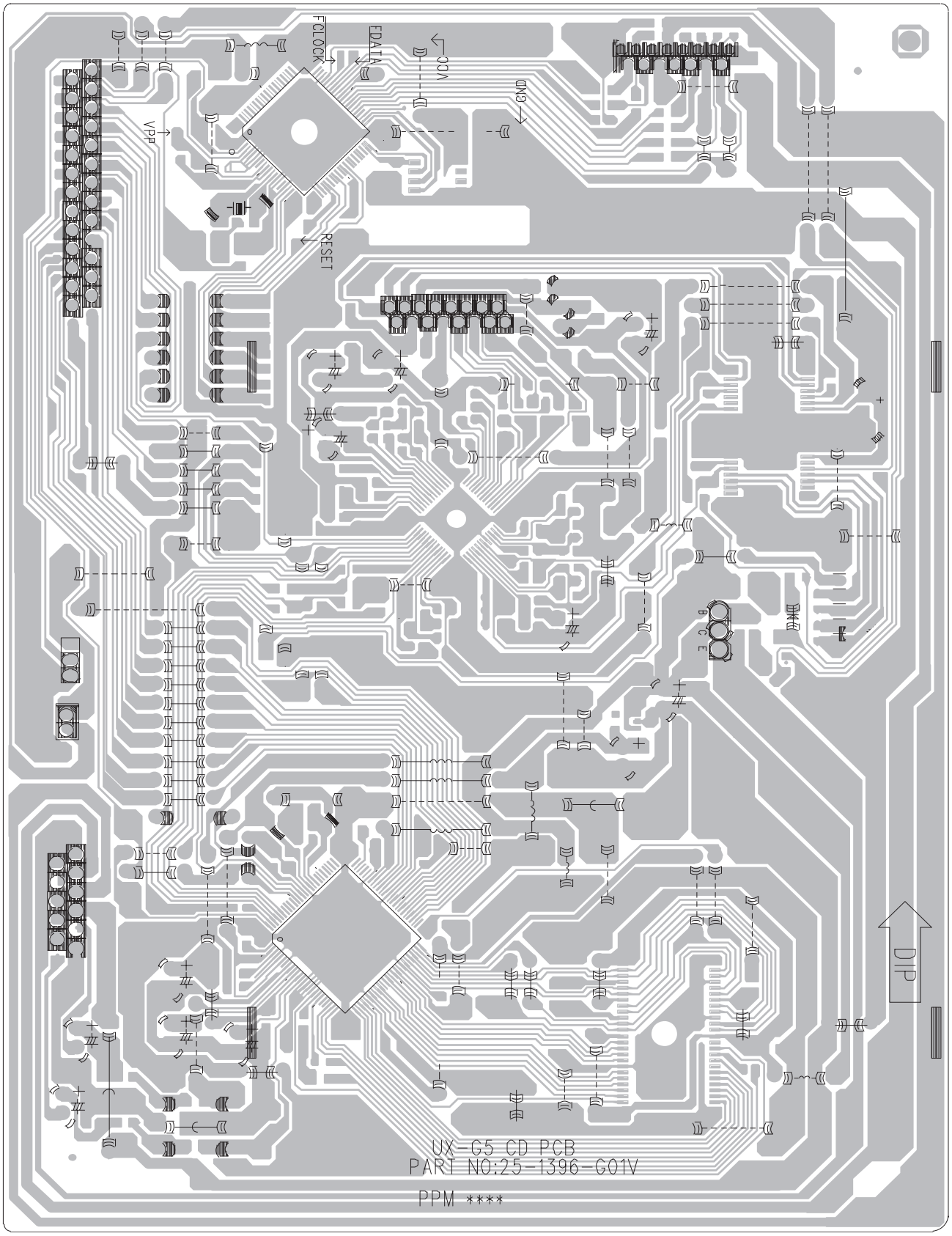
■ CD board (forward side)

Lead free solder used in the board (material : Sn-Ag-Cu, melting point : 219 Centigrade)



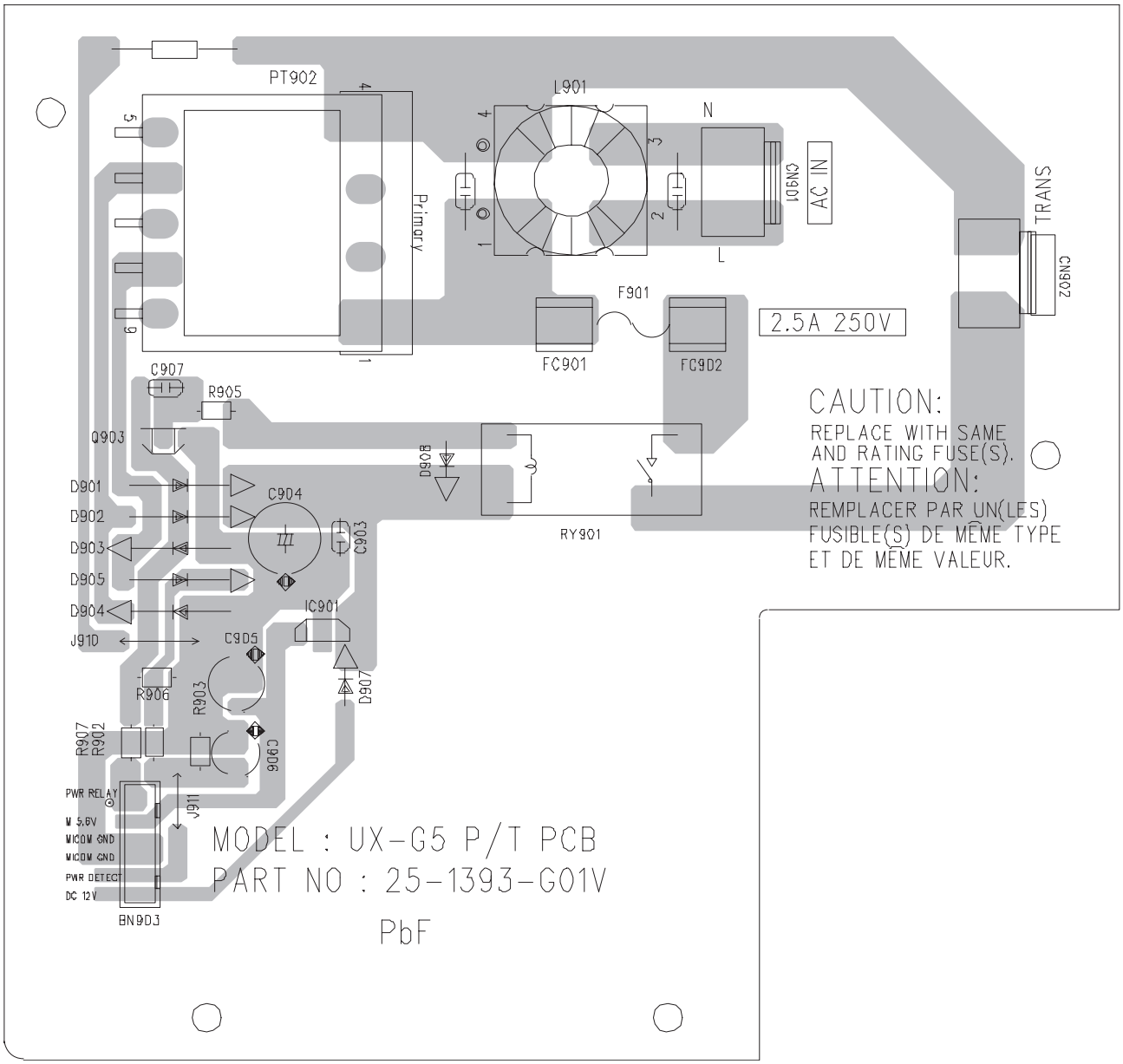
■ CD board (reverse side)

Lead free solder used in the board (material : Sn-Ag-Cu, melting point : 219 Centigrade)



■ Trans board

Lead free solder used in the board (material : Sn-Ag-Cu, melting point : 219 Centigrade)



< MEMO >

JVC

Victor Company of Japan, Limited

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(No.MB353SCH)

Printed in Japan
VPT

PARTS LIST

[FS-G5]

* All printed circuit boards and its assemblies are not available as service parts.

Area suffix

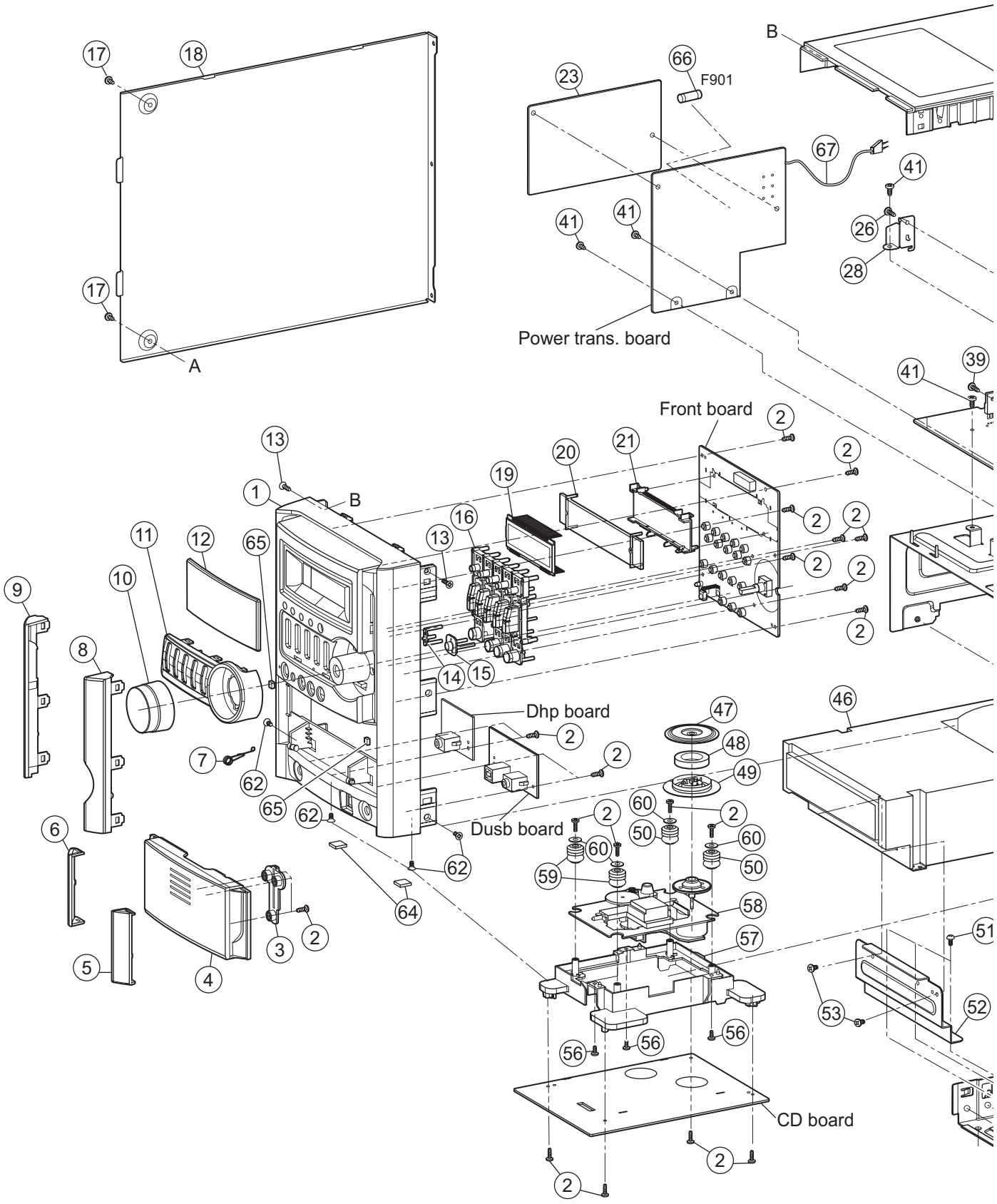
J ---------- U.S.A.
C ---------- Canada

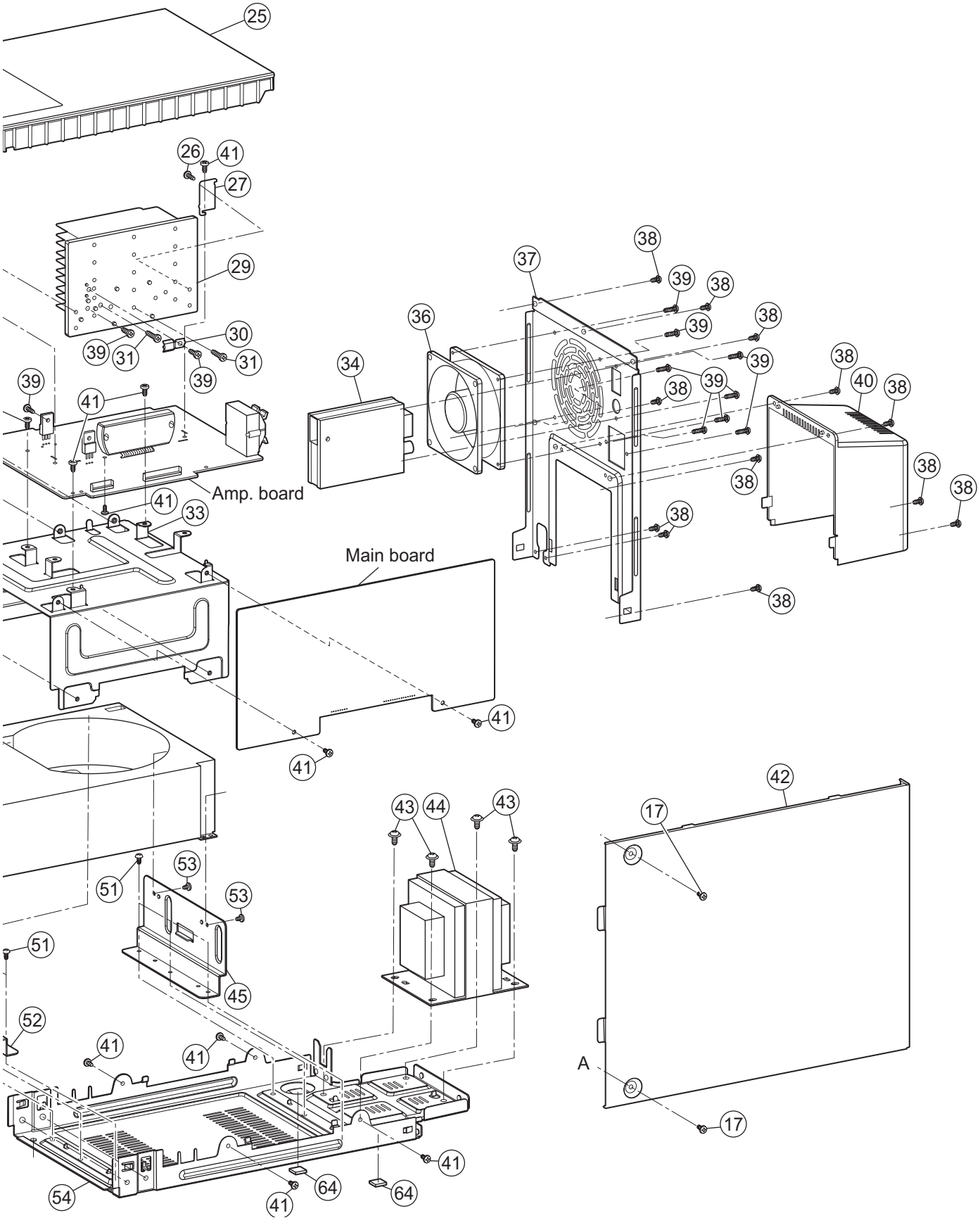
- Contents -

Exploded view of general assembly and parts list (Block No.M1) ---------- 3- 2
CD mechanism assembly and parts list (Block No.MB) ---------- 3- 5
Electrical parts list (Block No.01~06) ---------- 3- 7
Packing materials and accessories parts list (Block No.M3) ---------- 3-14

Exploded view of general assembly and parts list

Block No. M 1 M M




25
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Amp. board
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Main board
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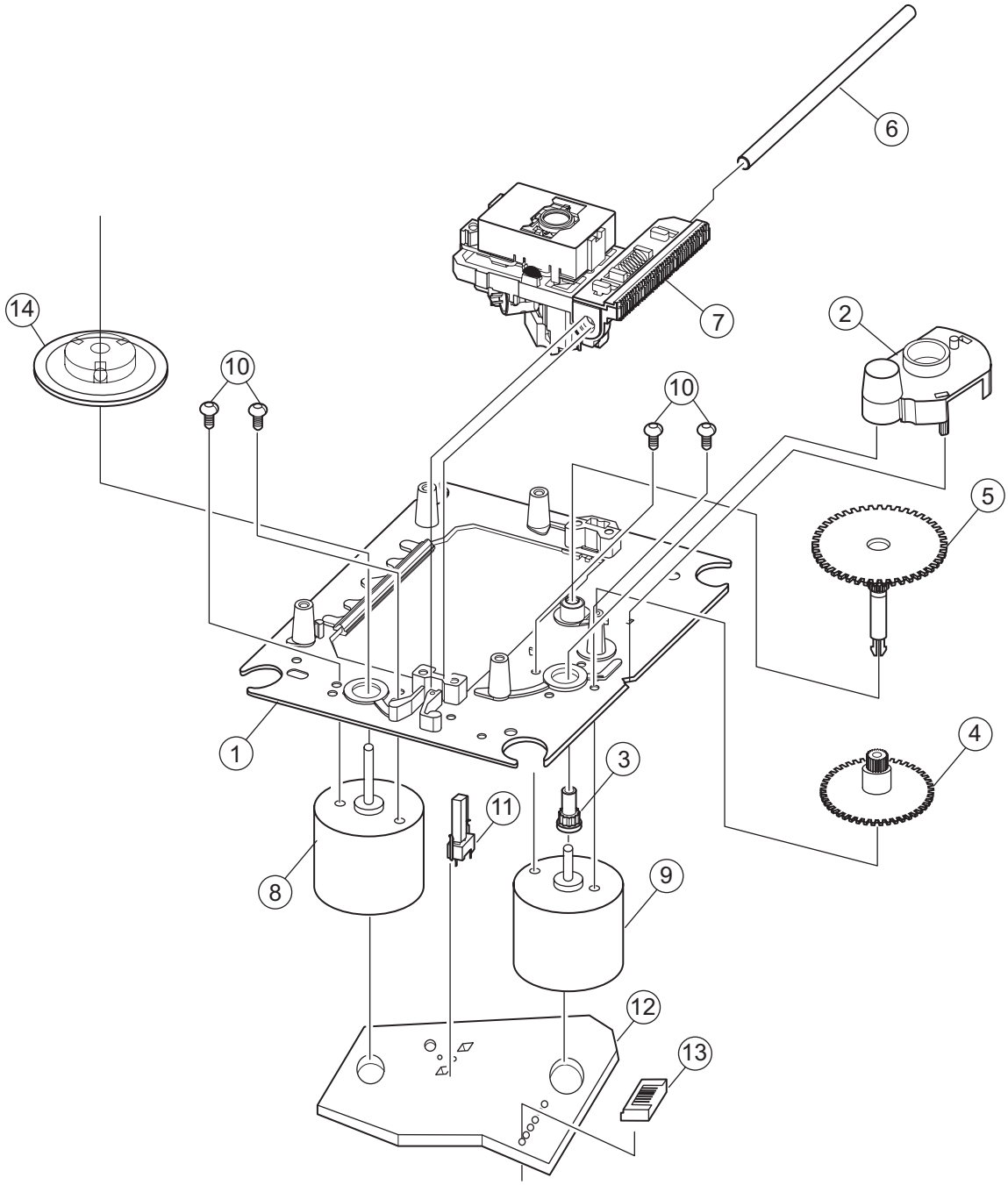
General Assembly

Block No. [M][1][M][M]

⚠	Symbol No.	Part No.	Part Name	Description	Local
	1	BI1080679101V1	FRONT CABINET	USB	
	2	BIBT000418	TAPPING SCREW	(x23)	
	3	BI1081770201X1	SLIDE BLOCK		
	4	BI1080690101V1	CD DOOR		
	5	BI1080770101V1	BOTTOM LENS R		
	6	BI1080780101V1	BOTTOM LENS L		
	7	BI202904010101	CD DOOR SPRING		
	8	BI1080750101V1	TOP LENS R		
	9	BI1080760101V1	TOP LENS L		
	10	BI1080800101V1	VOLUME KNOB		
	11	BI1080820101V1	KEY PANEL		
	12	BI1080720101V1	WINDOW LENS		
	13	BIKT000606	TAPPING SCREW	(x2)	
	14	BI1080730101V1	POWER LENS		
	15	BI1080740101V1	LENS		
	16	BI1080810101V1	FUNCTION KEY		
	17	BIRT000608B1W	TAPPING SCREW	(x4)	
	18	BI2028960101W1	LEFT PLATE		
	19	BI2702191V	LCD	TCM-4217	
	20	BI680FSG505L	LED BACK LIGHT		
	21	BI1080840101V1	LCD HOLDER		
	23	BI302209010101	PCB PLATE		
	25	BI1080689101V1	TOP COVER		
	26	BIRT000611B3	TAPPING SCREW	(x2)	
	27	BI2029350101W1	HEATSINK BKT	B	
	28	BI2029340101W1	HEATSINK BKT	F	
	29	BI202903010101	HEATSINK		
	30	BI2029330101W1	HEAT RES BKT		
	31	BIBT0006091	TAPPING SCREW	(x2)	
	33	BI2029000101W1	CD MECH COVER		
	34	BIZ25094901VV	TUNER PACK		
	36	BI2400241V	DC FAN	DC12V	
	37	BI2028950101W1	REAR PLATE		
	38	BIRM000603S3	TAPPING SCREW	(x12)	
	39	BIRT000617B3	TAPPING SCREW	(x11)	
	40	BI1080799101V1	TRANS. COVER		
	41	BIBT000604S3	TAPPING SCREW	(x14)	
	42	BI2028970101W1	RIGHT PLATE		
	43	BIPMW001101S3	TAPPING SCREW	(x4)	
⚠	44	BI211041011001W	POWER TRANS.		
	45	BI2028990101W1	CD MECH BRAKET		
	46	BI251051000300V	5CD CHANGER		
	47	BI2029060101W1	CD CHUCK PLATE		
	48	BI202930010101	CD MAGET		
	49	BI1081030101V1	CD CHUCK		
	50	BI301942010101	CUSHION RUBBER	RED(x2)	
	51	BIRT000604S3	TAPPING SCREW	(x6)	
	52	BI2028980101W1	CD MECHA BKT		
	53	BIRT000603P3	TAPPING SCREW	(x4)	
	54	BI2028940101W1	BOTTOM PLATE		
	56	BIBT000405S3	TAPPING SCREW	(x3)	
	57	BI1080830101V1	CD MECH HOLDER		
	58	BI251011003200V	CD MECHANISM	CMS-B35SG6U	
	59	BI301943010101	CUSHION RUBBER	GREEN(x2)	
	60	BI300856010101	WASHER	(x4)	
	62	BIKT0006-06B3	TAPPING SCREW	(x4)	
	64	BI302197010101	RUBBER FOOT	(x4)	
	65	BI302193010101	CD DOOR RUBBER	(x2)	
⚠	66	BI403131	FUSE	2.5A/250V	
⚠	67	BI1401731V	POWER CORD		

CD mechanism assembly and parts list

Block No. M B M M



The parts without symbol number are not service.

CD mechanism

Block No. [M][B][M][M]

⚠	Symbol No.	Part No.	Part Name	Description	Local
	1	BIAJ7000601E	CHASSIS		
	2	BIAJ6600601G	GEAR COVER		
	3	BIAJ6600601D	GEAR	A	
	4	BIAJ6600601B	GEAR	B	
	5	BIAJ6600601F	GEAR	C	
	6	BIAJ7000601A	SHAFT		
	7	BISOHAAN	PICK UP		
	8	BIAJ3100601B	SPINDLE MOTOR		
	9	BIAJ3100601A	FEED MOTOR		
	10	BIAJ6000601D	SCREW	M2XL3(x4)	
	11	BI3409000174	LEAF SWITCH		
	12	BIAJ4100601E	SUB PCB		
	13	BIAJ3700601A	CONNECTOR		
	14	BIAJ7500601K	TURN TABLE		

Electrical parts list

Main board

Block No. [0][1]

⚠ Symbol No.	Part No.	Part Name	Description	Local
IC401	S3C825A	IC	BI118131	
IC402	PST3429UL	IC	BI117161	
IC501	BA4558F	IC	BI103952 OP/AMP	
IC601	BD3881FV	IC	BI112721	
Q401	DTC114YK	TRANSISTOR	BI2DTC114YKA011	
Q402	2SC3052	TRANSISTOR	BI2SC3052FA013V	
Q403	2SC3052	TRANSISTOR	BI2SC3052FA013V	
Q404	2SC3052	TRANSISTOR	BI2SC3052FA013V	
Q405	2SA1980G	TRANSISTOR	BI2SA1980GP000V	
Q501	KTC3199GR	TRANSISTOR	BI2KTC3199GP000	
Q502	KTC3199GR	TRANSISTOR	BI2KTC3199GP000	
Q602	2SC3052	TRANSISTOR	BI2SC3052FA013V	
Q603	2SC3052	TRANSISTOR	BI2SC3052FA013V	
Q683	KTA1267GR	TRANSISTOR	BI2KTA1267GP000	
Q684	2SC3052	TRANSISTOR	BI2SC3052FA013V	
D401	1SS133	FR DIODE	BI31SS133M000V7	
D402	1SS133	FR DIODE	BI31SS133M000V7	
D403	1SS133	FR DIODE	BI31SS133M000V7	
D404	1SS133	FR DIODE	BI31SS133M000V7	
D405	1SS133	FR DIODE	BI31SS133M000V7	
D406	1SS133	FR DIODE	BI31SS133M000V7	
D407	1SS133	FR DIODE	BI31SS133M000V7	
D501	1SS133	FR DIODE	BI31SS133M000V7	
D502	1SS133	FR DIODE	BI31SS133M000V7	
D601	1SS355	DIODE	BI31SS355A0077	
D602	1SS355	DIODE	BI31SS355A0077	
D603	1SS133	FR DIODE	BI31SS133M000V7	
C401	BICC104500ZA043	C CAPACITOR	0.1uF 50V	
C402	BICE107160MP015	E CAPACITOR	100uF 16V	
C403	BICC150500JA041	C CAPACITOR	15pF 50V	
C404	BICC330500JA041	C CAPACITOR	33pF 50V	
C405	BICC101500JA041	C CAPACITOR	100pF 50V	
C406	BICC104500ZA043	C CAPACITOR	0.1uF 50V	
C407	BICC104500ZA043	C CAPACITOR	0.1uF 50V	
C408	BICE226160MP015	E CAPACITOR	22uF 16V	
C409	BICC104500ZA043	C CAPACITOR	0.1uF 50V	
C411	BICC220500JA041	C CAPACITOR	22pF 50V	
C412	BICC220500JA041	C CAPACITOR	22pF 50V	
C413	BICE477063MP015	E CAPACITOR	470uF 6.3V	
C414	BICE477063MP015	E CAPACITOR	470uF 6.3V	
C415	BICE107100MP015	E CAPACITOR	100uF 10V	
C416	BICC222500KA042	C CAPACITOR	2200pF 50V	
C417	BICC104500KA042	C CAPACITOR	0.1uF 50V	
C421	BICC104500ZA043	C CAPACITOR	0.1uF 50V	
C422	BICC330500JA041	C CAPACITOR	33pF 50V	
C423	BICC330500JA041	C CAPACITOR	33pF 50V	
C424	BICC330500JA041	C CAPACITOR	33pF 50V	
C425	BICC330500JA041	C CAPACITOR	33pF 50V	
C426	BICC220500JA041	C CAPACITOR	22pF 50V	
C501	BICE107160MP015	E CAPACITOR	100uF 16V	
C502	BICE107160MP015	E CAPACITOR	100uF 16V	
C503	BICC104500ZA043	C CAPACITOR	0.1uF 50V	
C504	BICC104500ZA043	C CAPACITOR	0.1uF 50V	
C505	BICM124101KP015	M CAPACITOR	0.12uF 100V	
C506	BICM124101KP015	M CAPACITOR	0.12uF 100V	
C507	BICE107160MP015	E CAPACITOR	100uF 16V	
C508	BICE107160MP015	E CAPACITOR	100uF 16V	

⚠ Symbol No.	Part No.	Part Name	Description	Local
C509	BICE475500MP015	E CAPACITOR	4.7uF 50V	
C510	BICE475500MP015	E CAPACITOR	4.7uF 50V	
C511	BICE475500MP015	E CAPACITOR	4.7uF 50V	
C609	BICC561500JA041	C CAPACITOR	560pF 50V	
C610	BICC561500JA041	C CAPACITOR	560pF 50V	
C611	BICE225500MP015	E CAPACITOR	2.2uF 50V	
C612	BICE225500MP015	E CAPACITOR	2.2uF 50V	
C631	BICC822500KA042	C CAPACITOR	8200pF 50V	
C632	BICC822500KA042	C CAPACITOR	8200pF 50V	
C633	BICC101500JA041	C CAPACITOR	100pF 50V	
C634	BICC104500ZA043	C CAPACITOR	0.1uF 50V	
C635	BICC104500ZA043	C CAPACITOR	0.1uF 50V	
C636	BICE227100MP015	E CAPACITOR	220uF 10V	
C637	BICE107100MP015	E CAPACITOR	100uF 10V	
C641	BICM124101KP015	M CAPACITOR	0.12uF 100V	
C642	BICM124101KP015	M CAPACITOR	0.12uF 100V	
C643	BICE104500MP015	E CAPACITOR	0.1uF 50V	
C644	BICE474500MP015	E CAPACITOR	0.47uF 50V	
C645	BICC683160KA042	C CAPACITOR	0.068uF 16V	
C646	BICC683160KA042	C CAPACITOR	0.068uF 16V	
C647	BICE474500MP015	E CAPACITOR	0.47uF 50V	
C648	BICE104500MP015	E CAPACITOR	0.1uF 50V	
C649	BICC222500KA042	C CAPACITOR	2200pF 50V	
C650	BICC222500KA042	C CAPACITOR	2200pF 50V	
C661	BICC222500KA042	C CAPACITOR	2200pF 50V	
C662	BICC222500KA042	C CAPACITOR	2200pF 50V	
C663	BICC104500ZA043	C CAPACITOR	0.1uF 50V	
C671	BICE225500MP015	E CAPACITOR	2.2uF 50V	
C672	BICE225500MP015	E CAPACITOR	2.2uF 50V	
C673	BICC222500KA042	C CAPACITOR	2200pF 50V	
C674	BICC222500KA042	C CAPACITOR	2200pF 50V	
C675	BICE225500MP015	E CAPACITOR	2.2uF 50V	
C676	BICE225500MP015	E CAPACITOR	2.2uF 50V	
C681	BICC102500KA042	C CAPACITOR	1000pF 50V	
C682	BICC102500KA042	C CAPACITOR	1000pF 50V	
C683	BICE476160MP015	E CAPACITOR	47uF 16V	
C684	BICC101500JA041	C CAPACITOR	100pF 50V	
C685	BICC101500JA041	C CAPACITOR	100pF 50V	
C686	BICC101500JA041	C CAPACITOR	100pF 50V	
C689	BICC101500JA041	C CAPACITOR	100pF 50V	
C690	BICC101500JA041	C CAPACITOR	100pF 50V	
R401	BIRC1020085M000	C RESISTOR	1KΩ 1/8W	
R402	BIRC0000105A005	C RESISTOR	0Ω 1/10W	
R403	BIRC1530105A005	C RESISTOR	15KΩ 1/10W	
R405	BIRC1030085N000	C RESISTOR	10KΩ 1/8W	
R406	BIRC1020105A005	C RESISTOR	1KΩ 1/10W	
R407	BIRC1020105A005	C RESISTOR	1KΩ 1/10W	
R408	BIRC1030105A005	C RESISTOR	10KΩ 1/10W	
R409	BIRC4710105A005	C RESISTOR	470Ω 1/10W	
R410	BIRC1020105A005	C RESISTOR	1KΩ 1/10W	
R411	BIRC1040105A005	C RESISTOR	100KΩ 1/10W	
R412	BIRC0000105A005	C RESISTOR	0Ω 1/10W	
R413	BIRC2220105A005	C RESISTOR	2.2KΩ 1/10W	
R419	BIRC1030105A005	C RESISTOR	10KΩ 1/10W	
R420	BIRC1030105A005	C RESISTOR	10KΩ 1/10W	
R421	BIRC1010105A005	C RESISTOR	100Ω 1/10W	
R422	BIRC1010105A005	C RESISTOR	100Ω 1/10W	
R423	BIRC1010105A005	C RESISTOR	100Ω 1/10W	
R424	BIRC1010105A005	C RESISTOR	100Ω 1/10W	
R425	BIRC1010105A005	C RESISTOR	100Ω 1/10W	
R426	BIRC1010105A005	C RESISTOR	100Ω 1/10W	
R427	BIRC1010105A005	C RESISTOR	100Ω 1/10W	
R428	BIRC1010105A005	C RESISTOR	100Ω 1/10W	
R429	BIRC1010105A005	C RESISTOR	100Ω 1/10W	
R430	BIRC1010105A005	C RESISTOR	100Ω 1/10W	
R431	BIRC1010105A005	C RESISTOR	100Ω 1/10W	
R432	BIRC1010105A005	C RESISTOR	100Ω 1/10W	
R433	BIRC1010085N000	C RESISTOR	100Ω 1/8W	
R434	BIRC1010085N000	C RESISTOR	100Ω 1/8W	
R435	BIRC1010085N000	C RESISTOR	100Ω 1/8W	
R436	BIRC1010085M000	C RESISTOR	100Ω 1/8W	
R437	BIRC1010085M000	C RESISTOR	100Ω 1/8W	
R438	BIRC1020105A005	C RESISTOR	1KΩ 1/10W	
R440	BIRC1010085M000	C RESISTOR	100Ω 1/8W	
R443	BIRC1010085N000	C RESISTOR	100Ω 1/8W	

⚠ Symbol No.	Part No.	Part Name	Description	Local
R444	BIRC1010085M000	C RESISTOR	100Ω 1/8W	
R445	BIRC1010085N000	C RESISTOR	100Ω 1/8W	
R446	BIRC1010085N000	C RESISTOR	100Ω 1/8W	
R447	BIRC1010085N000	C RESISTOR	100Ω 1/8W	
R448	BIRC1010085N000	C RESISTOR	100Ω 1/8W	
R449	BIRC1010105A005	C RESISTOR	100Ω 1/10W	
R451	BIRC1030105A005	C RESISTOR	10KΩ 1/10W	
R452	BIRC2220105A005	C RESISTOR	2.2KΩ 1/10W	
R454	BIRC1010085M000	C RESISTOR	100Ω 1/8W	
R455	BIRC1010085M000	C RESISTOR	100Ω 1/8W	
R456	BIRC1010085M000	C RESISTOR	100Ω 1/8W	
R457	BIRC1010085M000	C RESISTOR	100Ω 1/8W	
R458	BIRC1010085M000	C RESISTOR	100Ω 1/8W	
R459	BIRC1010085M000	C RESISTOR	100Ω 1/8W	
R460	BIRC1010085M000	C RESISTOR	100Ω 1/8W	
R461	BIRC1010085M000	C RESISTOR	100Ω 1/8W	
R462	BIRC1010085M000	C RESISTOR	100Ω 1/8W	
R469	BIRC1010105A005	C RESISTOR	100Ω 1/10W	
R470	BIRC2230105A005	C RESISTOR	22KΩ 1/10W	
R471	BIRC1010105A005	C RESISTOR	100Ω 1/10W	
R472	BIRC1010105A005	C RESISTOR	100Ω 1/10W	
R473	BIRC1010105A005	C RESISTOR	100Ω 1/10W	
R474	BIRC1010105A005	C RESISTOR	100Ω 1/10W	
R475	BIRC1010105A005	C RESISTOR	100Ω 1/10W	
R477	BIRC1010105A005	C RESISTOR	100Ω 1/10W	
R478	BIRC1010085M000	C RESISTOR	100Ω 1/8W	
R479	BIRC1010085M000	C RESISTOR	100Ω 1/8W	
R480	BIRC1010085N000	C RESISTOR	100Ω 1/8W	
R485	BIRC1010085M000	C RESISTOR	100Ω 1/8W	
R486	BIRC1010085M000	C RESISTOR	100Ω 1/8W	
R487	BIRC1030085N000	C RESISTOR	10KΩ 1/8W	
R488	BIRC1030085N000	C RESISTOR	10KΩ 1/8W	
R501	BIRC1010085M000	C RESISTOR	100Ω 1/8W	
R502	BIRC1010085M000	C RESISTOR	100Ω 1/8W	
R503	BIRC1040105A005	C RESISTOR	100KΩ 1/10W	
R504	BIRC1040105A005	C RESISTOR	100KΩ 1/10W	
R505	BIRC2220105A005	C RESISTOR	2.2KΩ 1/10W	
R506	BIRC2220105A005	C RESISTOR	2.2KΩ 1/10W	
R507	BIRC1220105A005	C RESISTOR	1.2KΩ 1/10W	
R508	BIRC1220105A005	C RESISTOR	1.2KΩ 1/10W	
R509	BIRC5620105A005	C RESISTOR	5.6KΩ 1/10W	
R510	BIRC5620105A005	C RESISTOR	5.6KΩ 1/10W	
R511	BIRC0000105A005	C RESISTOR	0Ω 1/10W	
R512	BIRC0000105A005	C RESISTOR	0Ω 1/10W	
R513	BIRC2220105A005	C RESISTOR	2.2KΩ 1/10W	
R514	BIRC2220105A005	C RESISTOR	2.2KΩ 1/10W	
R515	BIRC2220105A005	C RESISTOR	2.2KΩ 1/10W	
R516	BIRC2220105A005	C RESISTOR	2.2KΩ 1/10W	
R517	BIRC1040105A005	C RESISTOR	100KΩ 1/10W	
R518	BIRC1040105A005	C RESISTOR	100KΩ 1/10W	
R519	BIRC1030105A005	C RESISTOR	10KΩ 1/10W	
R520	BIRC1030105A005	C RESISTOR	10KΩ 1/10W	
R521	BIRC1030085M000	C RESISTOR	10KΩ 1/8W	
R522	BIRC2220085M000	C RESISTOR	2.2KΩ 1/8W	
R523	BIRC1520085M000	C RESISTOR	1.5KΩ 1/8W	
R524	BIRC1520085M000	C RESISTOR	1.5KΩ 1/8W	
R607	BIRC0000105A005	C RESISTOR	0Ω 1/10W	
R608	BIRC0000105A005	C RESISTOR	0Ω 1/10W	
R609	BIRC4710105A005	C RESISTOR	470Ω 1/10W	
R610	BIRC4710085M000	C RESISTOR	470Ω 1/8W	
R619	BIRC2220105A005	C RESISTOR	2.2KΩ 1/10W	
R620	BIRC2220105A005	C RESISTOR	2.2KΩ 1/10W	
R631	BIRC5630105A005	C RESISTOR	56KΩ 1/10W	
R632	BIRC5630105A005	C RESISTOR	56KΩ 1/10W	
R633	BIRC1030105A005	C RESISTOR	10KΩ 1/10W	
R635	BIRC4720105A005	C RESISTOR	4.7KΩ 1/10W	
R636	BIRC4720085M000	C RESISTOR	4.7KΩ 1/8W	
R637	BIRC2210045M000	C RESISTOR	220Ω 1/4W	
R638	BIRC2210045M000	C RESISTOR	220Ω 1/4W	
R641	BIRC1020105A005	C RESISTOR	1KΩ 1/10W	
R642	BIRC1020085M000	C RESISTOR	1KΩ 1/8W	
R643	BIRC2020105A005	C RESISTOR	2KΩ 1/10W	
R644	BIRC2020105A005	C RESISTOR	2KΩ 1/10W	
R645	BIRC6830105A005	C RESISTOR	68KΩ 1/10W	
R646	BIRC6830105A005	C RESISTOR	68KΩ 1/10W	
R650	BIRC1010085M000	C RESISTOR	100Ω 1/8W	
R661	BIRC1830105A005	C RESISTOR	18KΩ 1/10W	
R662	BIRC1830105A005	C RESISTOR	18KΩ 1/10W	
R663	BIRC1220105A005	C RESISTOR	1.2KΩ 1/10W	
R664	BIRC1220105A005	C RESISTOR	1.2KΩ 1/10W	
R671	BIRC8220105A005	C RESISTOR	8.2KΩ 1/10W	
R672	BIRC8220105A005	C RESISTOR	8.2KΩ 1/10W	
R673	BIRC1020105A005	C RESISTOR	1KΩ 1/10W	
R674	BIRC1020105A005	C RESISTOR	1KΩ 1/10W	
R675	BIRC3330105A005	C RESISTOR	33KΩ 1/10W	
R676	BIRC3330105A005	C RESISTOR	33KΩ 1/10W	
R677	BIRC8220105A005	C RESISTOR	8.2KΩ 1/10W	
R678	BIRC8220105A005	C RESISTOR	8.2KΩ 1/10W	
R681	BIRC5630085M000	C RESISTOR	56KΩ 1/8W	
R682	BIRC5630085M000	C RESISTOR	56KΩ 1/8W	
R683	BIRC1520105A005	C RESISTOR	1.5KΩ 1/10W	
R684	BIRC1520105A005	C RESISTOR	1.5KΩ 1/10W	
R688	BIRC4710105A005	C RESISTOR	470Ω 1/10W	
R689	BIRC4700105A005	C RESISTOR	47Ω 1/10W	
R690	BIRC1040105A005	C RESISTOR	100KΩ 1/10W	
R691	BIRC3320105A005	C RESISTOR	3.3KΩ 1/10W	
L402	BI26100000KN000	COIL	10uH	
L403	BI26100000KN000	COIL	10uH	
L661	BI18A843556N000	FILTER BEAD	843556	
L682	BI18A843556N000	FILTER BEAD	843556	
CN401	BI12S280004U	SOCKET	28P V TYPE P=1.25mm	
CN402	BI12S160033V	SOCKET	16P V P=1.25mm	
CN501	BI12S150029V	CONNECTOR	15P	
CN601	BI12S80059V	CONNECTOR	8PINS H P=2.0mm	
CN661	BI12S120048V	CONNECTOR	12P FFC/FPC	
CN671	BI12S700221V	SOCKET	7P	
CN681	BI12S120047U	SOCKET	12P V P=1.25mm	
JR603	BIRC0000105A005	C RESISTOR	0Ω 1/10W	
X401	BI29ZTA800P015U	C RESONATOR	8MHz	
X402	BI2101012	CRYSTAL	32.768 KHz	
XXXXX	BI251395G01V	MAIN PCB	PCB	
XXXXX	BI301635010101	CUSH	CUSH	
ZD401	UZ3.9BSB	Z DIODE	BI3UZ39BSBM0000	
ZD601	UZ4.7BSA	Z DIODE	BI3UZ47BSAM000V	
ZD602	UZ4.7BSA	Z DIODE	BI3UZ47BSAM000V	

Front board

Block No. [0][2]

⚠ Symbol No.	Part No.	Part Name	Description	Local
IC351	RPM7138-V4	IC	BI115291	
IC352	PT6524LQ	IC	BI118101	
IC551	PCM2704	IC	BI118061	
Q351	DTA114YK	TRANSISTOR	BI2DTA114YKA011	
Q352	DTC114YK	TRANSISTOR	BI2DTC114YKA0117	
Q353	DTC114YK	TRANSISTOR	BI2DTC114YKA0117	
Q551	DTC114YK	TRANSISTOR	BI2DTC114YKA0117	
D351	SLR-342VCT31	LED	BI28SLR342VP010	
D352	BI680FSG505L	BACK LIGHT	CM04115	
D358	1SS133	FR DIODE	BI31SS133M000V7	
D359	1SS133	FR DIODE	BI31SS133M000V7	
D360	1SS133	FR DIODE	BI31SS133M000V7	
D361	1SS133	FR DIODE	BI31SS133M000V7	
D362	1SS133	FR DIODE	BI31SS133M000V7	
D363	1SS133	FR DIODE	BI31SS133M000V7	
D551	1SS355	DIODE	BI31SS355A0077	

⚠ Symbol No.	Part No.	Part Name	Description	Local
D552	1SS355	DIODE	BI31SS355A0077	
D553	1SS355	DIODE	BI31SS355A0077	
D581	1SS355	DIODE	BI31SS355A0077	
D582	1SS355	DIODE	BI31SS355A0077	
D591	1SS133	FR DIODE	BI31SS133M000V7	
D592	1SS133	FR DIODE	BI31SS133M000V7	
C351	BICC103500KA042	C CAPACITOR	0.01uF 50V	
C353	BICC102500KA042	C CAPACITOR	1000pF 50V	
C354	BICE107100MP115	E CAPACITOR	100uF 10V	
C355	BICE107100MP115	E CAPACITOR	100uF 10V	
C356	BICC103500KA042	C CAPACITOR	0.01uF 50V	
C357	BICC103500KA042	C CAPACITOR	0.01uF 50V	
C358	BICC102500KA042	C CAPACITOR	1000pF 50V	
C359	BICC103500KA042	C CAPACITOR	0.01uF 50V	
C360	BICC103500KA042	C CAPACITOR	0.01uF 50V	
C361	BICC103500KA042	C CAPACITOR	0.01uF 50V	
C362	BICC103500KA042	C CAPACITOR	0.01uF 50V	
C363	BICC103500KA042	C CAPACITOR	0.01uF 50V	
C551	BICC220500JA041	C CAPACITOR	22pF 50V	
C552	BICC220500JA041	C CAPACITOR	22pF 50V	
C553	BICE476160MP010	E CAPACITOR.	47uF 16V	
C555	BICC104500KA042	C CAPACITOR	0.1uF 50V	
C559	BICE476100MP111	E CAPACITOR	47uF 10V	
C561	BICC472500KA042	C CAPACITOR	4700pF 50V	
C562	BICC472500KA042	C CAPACITOR	4700pF 50V	
C564	BICE106160MP115	E CAPACITOR	10uF 16V	
C565	BICE106160MP115	E CAPACITOR	10uF 16V	
C566	BICC105100ZA043	C CAPACITOR	1uF 10V	
C568	BICC105100ZA043	C CAPACITOR	1uF 10V	
C569	BICC105100ZA043	C CAPACITOR	1uF 10V	
C570	BICC223250KA042	C CAPACITOR.	0.022uF 25V	
C571	BICE105500MP115	E CAPACITOR	1uF 50V	
C572	BICE105500MP115	E CAPACITOR	1uF 50V	
C573	BICC223250KA042	C CAPACITOR.	0.022uF 25V	
C581	BICC102500KA042	C CAPACITOR	1000pF 50V	
C582	BICC102500KA042	C CAPACITOR	1000pF 50V	
C583	BICC102500KA042	C CAPACITOR	1000pF 50V	
C584	BICC102500KA042	C CAPACITOR	1000pF 50V	
C586	BICC104500KA042	C CAPACITOR	0.1uF 50V	
C591	BICC102500KA042	C CAPACITOR	1000pF 50V	
C592	BICC102500KA042	C CAPACITOR	1000pF 50V	
C593	BICC220500JA041	C CAPACITOR	22pF 50V	
C594	BICC104500ZA043	C CAPACITOR	0.1uF 50V	
C595	BICC104500ZA043	C CAPACITOR	0.1uF 50V	
R353	BIRC9110105A005	C RESISTOR	910Ω 1/10W	
R354	BIRC1120105A005	C RESISTOR	1.1KΩ 1/10W	
R355	BIRC1320105A005	C RESISTOR	1.3KΩ 1/10W	
R356	BIRC1820105A005	C RESISTOR	1.8KΩ 1/10W	
R357	BIRC2020105A005	C RESISTOR	2KΩ 1/10W	
R358	BIRC3020105A005	C RESISTOR	3KΩ 1/10W	
R359	BIRC3920105A005	C RESISTOR	3.9KΩ 1/10W	
R360	BIRC6220105A005	C RESISTOR	6.2KΩ 1/10W	
R361	BIRC1030105A005	C RESISTOR	10KΩ 1/10W	
R363	BIRC9110105A005	C RESISTOR	910Ω 1/10W	
R364	BIRC1120105A005	C RESISTOR	1.1KΩ 1/10W	
R365	BIRC1320105A005	C RESISTOR	1.3KΩ 1/10W	
R366	BIRC1820105A005	C RESISTOR	1.8KΩ 1/10W	
R368	BIRC2210105A005	C RESISTOR	220Ω 1/10W	
R370	BIRC2210105A005	C RESISTOR	220Ω 1/10W	
R371	BIRC4710105A005	C RESISTOR	470Ω 1/10W	
R372	BIRC1810105A005	C RESISTOR	180Ω 1/10W	
R373	BIRC1810105A005	C RESISTOR	180Ω 1/10W	
R374	BIRC1510105A005	C RESISTOR	150Ω 1/10W	
R375	BIRC1510105A005	C RESISTOR	150Ω 1/10W	
R376	BIRC1040105A005	C RESISTOR	100KΩ 1/10W	
R377	BIRC4720105A005	C RESISTOR	4.7KΩ 1/10W	
R378	BIRC4720105A005	C RESISTOR	4.7KΩ 1/10W	
R379	BIRC4720105A005	C RESISTOR	4.7KΩ 1/10W	
R380	BIRC4720105A005	C RESISTOR	4.7KΩ 1/10W	
R381	BIRC1020105A005	C RESISTOR	1KΩ 1/10W	
R382	BIRC1010105A005	C RESISTOR	100Ω 1/10W	
R383	BIRC1010105A005	C RESISTOR	100Ω 1/10W	
R384	BIRC1010105A005	C RESISTOR	100Ω 1/10W	
R386	BIRC4730105A005	C RESISTOR	47KΩ 1/10W	

⚠ Symbol No.	Part No.	Part Name	Description	Local
R391	BIRC2020105A005	C RESISTOR	2KΩ 1/10W	
R392	BIRC3020105A005	C RESISTOR	3KΩ 1/10W	
R393	BIRC3920105A005	C RESISTOR	3.9KΩ 1/10W	
R394	BIRC6220105A005	C RESISTOR	6.2KΩ 1/10W	
R551	BIRC2200085M000	C RESISTOR	22Ω 1/8W	
R554	BIRC1050105A005	C RESISTOR	1MΩ 1/10W	
R555	BIRC1520105A005	C RESISTOR	1.5KΩ 1/10W	
R556	BIRC2200105A005	C RESISTOR	22Ω 1/10W	
R557	BIRC2200105A005	C RESISTOR	22Ω 1/10W	
R558	BIRC1020105A005	C RESISTOR	1KΩ 1/10W	
R559	BIRC1020105A005	C RESISTOR	1KΩ 1/10W	
R560	BIRC4730105A005	C RESISTOR	47KΩ 1/10W	
R561	BIRC4730105A005	C RESISTOR	47KΩ 1/10W	
R562	BIRC1020105A005	C RESISTOR	1KΩ 1/10W	
R563	BIRC1020105A005	C RESISTOR	1KΩ 1/10W	
R570	BIRC1500105A005	C RESISTOR	15Ω 1/10W	
R571	BIRC3310105A005	C RESISTOR	330Ω 1/10W	
R572	BIRC3310105A005	C RESISTOR	330Ω 1/10W	
R573	BIRC1500105A005	C RESISTOR	15Ω 1/10W	
R581	BIRC2230105A005	C RESISTOR	22KΩ 1/10W	
R582	BIRC2230105A005	C RESISTOR	22KΩ 1/10W	
R583	BIRC2720105A005	C RESISTOR	2.7KΩ 1/10W	
R584	BIRC2720105A005	C RESISTOR	2.7KΩ 1/10W	
R585	BIRC8220105A005	C RESISTOR	8.2KΩ 1/10W	
R586	BIRC8220105A005	C RESISTOR	8.2KΩ 1/10W	
R591	BIRC8200105A005	C RESISTOR	82Ω 1/10W	
R592	BIRC8200105A005	C RESISTOR	82Ω 1/10W	
R593	BIRC1010105A005	C RESISTOR	100Ω 1/10W	
VR351	BI804691	VOLUME	RE012304PVB25F	
L551	BI26BLM21BA0000	COIL	BLM21B272S	
L552	BI26BLM21BA0000	COIL	BLM21B272S	
L553	BI26BLM21BA0000	COIL	BLM21B272S	
L554	BI26BLM21BA0000	COIL	BLM21B272S	
L555	BI26BLM21BA0000	COIL	BLM21B272S	
L556	BI26BLM21BA0000	COIL	BLM21B272S	
L557	BI26BLM21BA0000	COIL	BLM21B272S	
L558	BI26BLM21BA0000	COIL	BLM21B272S	
L559	BI26BLM21BA0000	COIL	BLM21B272S	
L581	BI26BLM21BA0000	COIL	BLM21B272S	
L591	BI26010000KM002	COIL	1uH	
BN551	BI12P70100V	PLUG CONNECTOR	7PINS P=2.0mm	
BN591	BI12P402341	WIRE	4P	
CN351	BI12S160034V	SOCKET	16P	
JK552	BI23B0292	AUX JACK	HTJ-035-18ABT	
JK591	BI23B0292	HP JACK	HTJ-035-18ABT	
LCD1	BI2702191V	LCD	TCM-4217	
S351	BISKRGAED0P015	TACT SWITCH	SKRGAED010	
S352	BISKRGAED0P015	TACT SWITCH	SKRGAED010	
S353	BISKRGAED0P015	TACT SWITCH	SKRGAED010	
S354	BISKRGAED0P015	TACT SWITCH	SKRGAED010	
S355	BISKRGAED0P015	TACT SWITCH	SKRGAED010	
S356	BISKRGAED0P015	TACT SWITCH	SKRGAED010	
S357	BISKRGAED0P015	TACT SWITCH	SKRGAED010	
S358	BISKRGAED0P015	TACT SWITCH	SKRGAED010	
S359	BISKRGAED0P015	TACT SWITCH	SKRGAED010	
S360	BISKRGAED0P015	TACT SWITCH	SKRGAED010	
S361	BISKRGAED0P015	TACT SWITCH	SKRGAED010	
S362	BISKRGAED0P015	TACT SWITCH	SKRGAED010	
S363	BISKRGAED0P015	TACT SWITCH	SKRGAED010	
S364	BISKRGAED0P015	TACT SWITCH	SKRGAED010	
S365	BISKRGAED0P015	TACT SWITCH	SKRGAED010	
S366	BISKRGAED0P015	TACT SWITCH	SKRGAED010	
S367	BISKRGAED0P015	TACT SWITCH	SKRGAED010	
S368	BISKRGAED0P015	TACT SWITCH	SKRGAED010	
S369	BISKRGAED0P015	TACT SWITCH	SKRGAED010	
USB	BI23B1541V	USB TERMINAL	SA0412110	
X551	BI2102391	CRYSTAL	12MHz	
XXXXX	BI251392G01V	FRONT PCB	FRONT PCB	
XXXXX	BI1080840101V1	LCD HOLDER		
XXXXX	BI202814010101	HLDR SENSOR		

Power trans board

Block No. [0][3]

⚠ Symbol No.	Part No.	Part Name	Description	Local
IC901	78L05	IC	BI101851	
Q903	KTC3199GR	TRANSISTOR	BI2KTC3199GP000	
D901	1N4001	DIODE	BI31N4001M0006	
D902	1N4001	DIODE	BI31N4001M0006	
D903	1N4001	DIODE	BI31N4001M0006	
D904	1N4001	DIODE	BI31N4001M0006	
D905	1N4001	DIODE	BI31N4001M0006	
C903	BICH104500KM019	CAPACITOR	0.1uF 50V	
C904	BICE477250MP015	E CAPACITOR	470uF 25V	
C905	BICE227100MP015	E CAPACITOR	220uF	
C906	BICE476160MP015	E CAPACITOR	47uF 16V	
C907	BICH472500KM019	CAPACITOR	4700pF	
R902	BIRC3320085M000	C RESISTOR	3.3KΩ 1/8W	
R903	BIRC2220085M000	C RESISTOR	2.2KΩ 1/8W	
R905	BIRC3300085M000	C RESISTOR	33Ω 1/8W	
R906	BIRC4720085M000	C RESISTOR	4.7KΩ 1/8W	
R907	BIRC1220085M000	C RESISTOR	1.2KΩ 1/8W	
⚠ L901	BI2601102	LINE FILTER		
BN903	BI12P60170V	WIRE	6P	
CN901	BI12S200691V	CONNECTOR	2P	
CN902	BI12S200691V	CONNECTOR	2P	
⚠ PT902	BI2110410070001	POWER TRANS	2598A	
⚠ RY901	BI8RL00171V	RELAY	KTC3199GR	
XXXXX	BI251393G01V	POWER PCB	PT PCB	

CD board

Block No. [0][4]

⚠ Symbol No.	Part No.	Part Name	Description	Local
IC701	SIL9226	IC	BI116431	
IC703	IP4001S	IC	BI118471	
IC801	S5L9279	IC	BI116401	
IC802	K4S161622H-UC60	IC	BI117401V	
IC803	BH18FB1WG	IC	BI118171	
IC871	MN101C61G	IC	BI118121	
IC872	BR93L56RF	IC	BI118251	
Q701	KTA1266GR	TRANSISTOR	BI2KTA1266GP000	
Q703	KTA1273Y	TRANSISTOR	BI2KTA1273YP000	
Q762	DTC114TK	TRANSISTOR	BI2DTC114TKA011	
Q871	DTC114TK	TRANSISTOR	BI2DTC114TKA011	
D762	1SS133	FR DIODE	BI31SS133M000V7	
C701	BICC104500ZA043	C CAPACITOR	0.1uF 50V	
C702	BICC104500ZA043	C CAPACITOR	0.1uF 50V	
C703	BICC102500JA041	C CAPACITOR	1000pF 50V	
C704	BICE476160MP111	E CAPACITOR	47uF 16V	
C705	BICC102500JA041	C CAPACITOR	1000pF 50V	
C706	BICC102500JA041	C CAPACITOR	1000pF 50V	
C707	BICC103250KA042	C CAPACITOR	0.01uF 25V	
C708	BICC473250KA042	C CAPACITOR	0.047uF 25V	
C709	BICE227063MP111	E CAPACITOR	220uF 6.3V	
C710	BICE107100MP111	E CAPACITOR	100uF 10V	
C711	BICC040500CA041	C CAPACITOR	4pF 50V	
C712	BICC100500DA041	C CAPACITOR	10pF 50V	
C713	BICC682500KA042	C CAPACITOR	6800pF 50V	
C714	BICC103250KA042	C CAPACITOR	0.01uF 25V	
C715	BICE475500MP111	E CAPACITOR	4.7uF 50V	
C716	BICC104250KA042	C CAPACITOR	0.1uF 25V	
C717	BICC104250KA042	C CAPACITOR	0.1uF 25V	
C718	BICC102500JA041	C CAPACITOR	1000pF 50V	
C719	BICC104250KA042	C CAPACITOR	0.1uF 25V	
C720	BICC333250KA042	C CAPACITOR	0.033uF 25V	
C721	BICC474100KA042	C CAPACITOR	0.47uF 10V	
C722	BICC474100KA042	C CAPACITOR	0.47uF 10V	
C723	BICC332500KA042	C CAPACITOR	3300pF 50V	
C724	BICC103250KA042	C CAPACITOR	0.01uF 25V	
C725	BICC683160KA042	C CAPACITOR	0.068uF 16V	
C726	BICE106100MP111	E CAPACITOR	10uF 10V	
C727	BICC823160KA042	C CAPACITOR	0.082uF 16V	
C728	BICC331500JA041	C CAPACITOR	330pF 50V	
C729	BICC102500JA041	C CAPACITOR	1000pF 50V	
C730	BICC222500KA042	C CAPACITOR	2200pF 50V	
C731	BICC333250KA042	C CAPACITOR	0.033uF 25V	
C732	BICC104250KA042	C CAPACITOR	0.1uF 25V	
C733	BICC104250KA042	C CAPACITOR	0.1uF 25V	
C734	BICC101500JA041	C CAPACITOR	100pF 50V	
C735	BICC101500JA041	C CAPACITOR	100pF 50V	
C736	BICC101500JA041	C CAPACITOR	100pF 50V	
C737	BICC101500JA041	C CAPACITOR	100pF 50V	
C738	BICC101500JA041	C CAPACITOR	100pF 50V	
C739	BICC101500JA041	C CAPACITOR	100pF 50V	
C740	BICC101500JA041	C CAPACITOR	100pF 50V	
C741	BICC391500JA041	C CAPACITOR	390pF 50V	
C742	BICC391500JA041	C CAPACITOR	390pF 50V	
C743	BICC391500JA041	C CAPACITOR	390pF 50V	
C744	BICC391500JA041	C CAPACITOR	390pF 50V	
C755	BICC102500JA041	C CAPACITOR	1000pF 50V	
C756	BICC102500JA041	C CAPACITOR	1000pF 50V	
C761	BICE477100MP015	E CAPACITOR	470uF 10V	
C762	BICC104500ZA043	C CAPACITOR	0.1uF 50V	
C763	BICE107100MP111	E CAPACITOR	100uF 10V	
C803	BICE107100MP111	E CAPACITOR	100uF 10V	
C804	BICC104500ZA043	C CAPACITOR	0.1uF 50V	
C805	BICC270500JA041	C CAPACITOR	27pF 50V	
C806	BICC270500JA041	C CAPACITOR	27pF 50V	
C807	BICC104500ZA043	C CAPACITOR	0.1uF 50V	
C808	BICE107100MP111	E CAPACITOR	100uF 10V	
C809	BICC104250KA042	C CAPACITOR	0.1uF 25V	
C810	BICC122500KA042	C CAPACITOR	1200pF 50V	
C811	BICC122500KA042	C CAPACITOR	1200pF 50V	
C812	BICC122500KA042	C CAPACITOR	1200pF 50V	
C813	BICC104500ZA043	C CAPACITOR	0.1uF 50V	
C814	BICE107100MP111	E CAPACITOR	100uF 10V	
C815	BICE107100MP111	E CAPACITOR	100uF 10V	
C816	BICC104500ZA043	C CAPACITOR	0.1uF 50V	
C817	BICC104500ZA043	C CAPACITOR	0.1uF 50V	
C818	BICC104500ZA043	C CAPACITOR	0.1uF 50V	
C819	BICC104500ZA043	C CAPACITOR	0.1uF 50V	
C820	BICC104500ZA043	C CAPACITOR	0.1uF 50V	
C821	BICC104500ZA043	C CAPACITOR	0.1uF 50V	
C822	BICC104500ZA043	C CAPACITOR	0.1uF 50V	
C823	BICC104500ZA043	C CAPACITOR	0.1uF 50V	
C825	BICC103250KA042	C CAPACITOR	0.01uF 25V	
C826	BICE106100MP111	E CAPACITOR	10uF 10V	
C827	BICE106100MP111	E CAPACITOR	10uF 10V	
C835	BICC100500DA041	C CAPACITOR	10pF 50V	
C841	BICC102500KA042	C CAPACITOR	1000pF 50V	
C842	BICC330500JA041	C CAPACITOR	33pF 50V	
C843	BICC330500JA041	C CAPACITOR	33pF 50V	
C844	BICC330500JA041	C CAPACITOR	33pF 50V	
C871	BICC103250KA042	C CAPACITOR	0.01uF 25V	
C872	BICC104500ZA043	C CAPACITOR	0.1uF 50V	
C873	BICC150500JA041	C CAPACITOR	15pF 50V	
C874	BICC101500JA041	C CAPACITOR	100pF 50V	
C875	BICC330500JA041	C CAPACITOR	33pF 50V	
C876	BICC470500JA041	C CAPACITOR	47pF 50V	
C877	BICC470500JA041	C CAPACITOR	47pF 50V	
C878	BICC470500JA041	C CAPACITOR	47pF 50V	
C880	BICC470500JA041	C CAPACITOR	47pF 50V	
C881	BICC470500JA041	C CAPACITOR	47pF 50V	
C882	BICC104250KA042	C CAPACITOR	0.1uF 25V	
C883	BICC104500ZA043	C CAPACITOR	0.1uF 50V	
R701	BIRC0820105A005	C RESISTOR	8.2Ω 1/10W	
R702	BIRC1840105A005	C RESISTOR	180KΩ 1/10W	
R703	BIRC3930105A005	C RESISTOR	39KΩ 1/10W	
R704	BIRC3930105A005	C RESISTOR	39KΩ 1/10W	

⚠ Symbol No.	Part No.	Part Name	Description	Local
R705	BIRC3930105A005	C RESISTOR	39KΩ 1/10W	
R706	BIRC3930105A005	C RESISTOR	39KΩ 1/10W	
R707	BIRC1840105A005	C RESISTOR	180KΩ 1/10W	
R708	BIRC4700105A005	C RESISTOR	47Ω 1/10W	
R709	BIRC4720105A005	C RESISTOR	4.7KΩ 1/10W	
R710	BIRC1010105A005	C RESISTOR	100Ω 1/10W	
R711	BIRC5620105A005	C RESISTOR	5.6KΩ 1/10W	
R714	BIRC1030105A005	C RESISTOR	10KΩ 1/10W	
R715	BIRC1830105A005	C RESISTOR	18KΩ 1/10W	
R716	BIRC2230105A005	C RESISTOR	22KΩ 1/10W	
R717	BIRC1050105A005	C RESISTOR	1MΩ 1/10W	
R718	BIRC1030105A005	C RESISTOR	10KΩ 1/10W	
R719	BIRC5620105A005	C RESISTOR	5.6KΩ 1/10W	
R720	BIRC1020105A005	C RESISTOR	1KΩ 1/10W	
R721	BIRC1030105A005	C RESISTOR	10KΩ 1/10W	
R722	BIRC1030105A005	C RESISTOR	10KΩ 1/10W	
R723	BIRC8230105A005	C RESISTOR	82KΩ 1/10W	
R724	BIRC8230105A005	C RESISTOR	82KΩ 1/10W	
R725	BIRC1530105A005	C RESISTOR	15KΩ 1/10W	
R726	BIRC4730105A005	C RESISTOR	47KΩ 1/10W	
R727	BIRC1240105A005	C RESISTOR	120KΩ 1/10W	
R728	BIRC2730105A005	C RESISTOR	27KΩ 1/10W	
R729	BIRC1540105A005	C RESISTOR	150KΩ 1/10W	
R730	BIRC1240105A005	C RESISTOR	120KΩ 1/10W	
R731	BIRC1040105A005	C RESISTOR	100KΩ 1/10W	
R732	BIRC4730105A005	C RESISTOR	47KΩ 1/10W	
R746	BIRC1010085M000	C RESISTOR	100Ω 1/8W	
R747	BIRC1010085M000	C RESISTOR	100Ω 1/8W	
R756	BIRC1030105A005	C RESISTOR	10KΩ 1/10W	
R757	BIRC1830085M000	C RESISTOR	18KΩ 1/8W	
R763	BIRC1220105A005	C RESISTOR	1.2KΩ 1/10W	
R764	BIRC1030105A005	C RESISTOR	10KΩ 1/10W	
R765	BIRC4710105A005	C RESISTOR	470Ω 1/10W	
R771	BIRC1020105A005	C RESISTOR	1KΩ 1/10W	
R802	BIRC1020085N000	C RESISTOR	1KΩ 1/8W	
R803	BIRC1020085N000	C RESISTOR	1KΩ 1/8W	
R804	BIRC3310105A005	C RESISTOR	330Ω 1/10W	
R805	BIRC1050105A005	C RESISTOR	1MΩ 1/10W	
R806	BIRC1020085M000	C RESISTOR	1KΩ 1/8W	
R807	BIRC3310105A005	C RESISTOR	330Ω 1/10W	
R808	BIRC1010085M000	C RESISTOR	100Ω 1/8W	
R809	BIRC1210085M000	C RESISTOR	120Ω 1/8W	
R810	BIRC1210105A005	C RESISTOR	120Ω 1/10W	
R811	BIRC1010105A005	C RESISTOR	100Ω 1/10W	
R812	BIRC1230105A005	C RESISTOR	12KΩ 1/10W	
R813	BIRC1230105A005	C RESISTOR	12KΩ 1/10W	
R814	BIRC1010105A005	C RESISTOR	100Ω 1/10W	
R836	BIRC1040105A005	C RESISTOR	100KΩ 1/10W	
R837	BIRC1040105A005	C RESISTOR	100KΩ 1/10W	
R841	BIRC1020085M000	C RESISTOR	1KΩ 1/8W	
R842	BIRC1020085M000	C RESISTOR	1KΩ 1/8W	
R843	BIRC1020085M000	C RESISTOR	1KΩ 1/8W	
R844	BIRC1020085M000	C RESISTOR	1KΩ 1/8W	
R845	BIRC1020085M000	C RESISTOR	1KΩ 1/8W	
R846	BIRC1020085M000	C RESISTOR	1KΩ 1/8W	
R847	BIRC1020085M000	C RESISTOR	1KΩ 1/8W	
R848	BIRC1020085M000	C RESISTOR	1KΩ 1/8W	
R849	BIRC1020085M000	C RESISTOR	1KΩ 1/8W	
R850	BIRC1020085M000	C RESISTOR	1KΩ 1/8W	
R851	BIRC1020085M000	C RESISTOR	1KΩ 1/8W	
R852	BIRC1020085M000	C RESISTOR	1KΩ 1/8W	
R853	BIRC1020085M000	C RESISTOR	1KΩ 1/8W	
R854	BIRC1020085M000	C RESISTOR	1KΩ 1/8W	
R871	BIRC1020105A005	C RESISTOR	1KΩ 1/10W	
R876	BIRC1210085M000	C RESISTOR	120Ω 1/8W	
R877	BIRC1210085M000	C RESISTOR	120Ω 1/8W	
R878	BIRC1210085M000	C RESISTOR	120Ω 1/8W	
R879	BIRC1210085M000	C RESISTOR	120Ω 1/8W	
R880	BIRC1210085M000	C RESISTOR	120Ω 1/8W	
R881	BIRC1210085M000	C RESISTOR	120Ω 1/8W	
R882	BIRC1030105A005	C RESISTOR	10KΩ 1/10W	
R883	BIRC1030105A005	C RESISTOR	10KΩ 1/10W	
R884	BIRC1020085M000	C RESISTOR	1KΩ 1/8W	
R885	BIRC1020085M000	C RESISTOR	1KΩ 1/8W	
R886	BIRC1020105A005	C RESISTOR	1KΩ 1/10W	
R887	BIRC1020105A005	C RESISTOR	1KΩ 1/10W	
R888	BIRC1020105A005	C RESISTOR	1KΩ 1/10W	
R889	BIRC1020105A005	C RESISTOR	1KΩ 1/10W	
R890	BIRC1020085N000	C RESISTOR	1KΩ 1/8W	
R891	BIRC1020105A005	C RESISTOR	1KΩ 1/10W	
R892	BIRC1020105A005	C RESISTOR	1KΩ 1/10W	
R893	BIRC1020105A005	C RESISTOR	1KΩ 1/10W	
R894	BIRC1020105A005	C RESISTOR	1KΩ 1/10W	
R895	BIRC1030105A005	C RESISTOR	10KΩ 1/10W	
R896	BIRC1030105A005	C RESISTOR	10KΩ 1/10W	
L710	BI26100000KM002	COIL	10uH	
L761	BI18A843556N000	FILTER BEAD	843556	
L801	BI26100000KN000	COIL	10uH	
L802	BI26100000KN000	COIL	10uH	
L803	BI26100000KM002	COIL	10uH	
L804	BI26100000KM002	COIL	10uH	
L805	BI26100000KM002	COIL	10uH	
L806	BI26100000KN000	COIL	10uH	
L808	BI18A843556N000	FILTER BEAD	843556	
L809	BI18A916121A005	FERITTE BEAD	120ohm	
L822	BI18A843556N000	FILTER BEAD	843556	
L871	BI26100000KM002	COIL	10uH	
CN701	BI12S160043V	SOCKET	16P H	
CN702	BI12P60170V	WIRE	6P P=2.0mm	
CN801	BI12S280005U	SOCKET	28P	
CN802	BI12S120038	SOCKET	12P	
CN871	BI12S150027V	SOCKET	15P H	
CN872	BI12S200161	SOCKET CONNECTOR	2P	
CN873	BI12S30039	SOCKET	3P	
JR701	BIRC0000105A005	C RESISTOR	0Ω 1/10W	
JR702	BIRC0000105A005	C RESISTOR	0Ω 1/10W	
JR704	BIRC0000105A005	C RESISTOR	0Ω 1/10W	
JR706	BIRC0000105A005	C RESISTOR	0Ω 1/10W	
JR707	BIRC0000105A005	C RESISTOR	0Ω 1/10W	
JR708	BIRC0000105A005	C RESISTOR	0Ω 1/10W	
JR801	BIRC0000105A005	C RESISTOR	0Ω 1/10W	
JR802	BIRC0000105A005	C RESISTOR	0Ω 1/10W	
JR803	BIRC0000085A003	C RESISTOR	0Ω 1/10W	
JR804	BIRC0000085A003	C RESISTOR	0Ω 1/10W	
JW801	BI18A843556N000	FILTER BEAD	843556	
X801	BI2100796	CRYSTAL	16.9344MHZ	
X871	BI29ZTA800P015U	CRYSTAL	8MHz	
XXXXX	BI251396G01V	PCB	CD PCB	
XXXXX	BI301635010101	CUSH		

AMP. board

Block No. [0][5]

⚠ Symbol No.	Part No.	Part Name	Description	Local
IC102	NJM79L09	IC	BI118381	
IC103	KIA7809AP	IC	BI111971	
IC104	KIA7808AP	IC	BI110891	
IC105	STK403-090	IC	BI118401	
Q101	KTB1366Y	TRANSISTOR	BI2KTB1366Y8V	
Q102	2SC3052	TRANSISTOR	BI2SC3052FA013V	
Q121	KTC3198GR	TRANSISTOR	BI2KTC3198GP000	
Q131	2SC3052	TRANSISTOR	BI2SC3052FA013V	
Q132	KTA1273Y	TRANSISTOR	BI2KTA1273YP000	
Q133	KTA1273Y	TRANSISTOR	BI2KTA1273YP000	
Q134	2SC3052	TRANSISTOR	BI2SC3052FA013V	
Q151	2SC3052	TRANSISTOR	BI2SC3052FA013V	
Q153	2SC3052	TRANSISTOR	BI2SC3052FA013V	
Q154	2SC3052	TRANSISTOR	BI2SC3052FA013V	
Q155	2SC3052	TRANSISTOR	BI2SC3052FA013V	
Q157	2SC3052	TRANSISTOR	BI2SC3052FA013V	
Q171	2SC3052	TRANSISTOR	BI2SC3052FA013V	
Q172	2SC3052	TRANSISTOR	BI2SC3052FA013V	
Q201	DTC323TK	TRANSISTOR	BI2DTC323TKA011	
Q202	DTC323TK	TRANSISTOR	BI2DTC323TKA011	
Q203	DTC114TK	TRANSISTOR	BI2DTC114TKA011	

⚠ Symbol No.	Part No.	Part Name	Description	Local
Q204	DTA114YK	TRANSISTOR	BI2DTA114YKA011	
Q241	2SA1235F	TRANSISTOR	BI2SA1235FA012V	
Q242	2SA1235F	TRANSISTOR	BI2SA1235FA012V	
Q243	KTC3199GR	TRANSISTOR	BI2KTC3199GP000	
Q244	DTC114YK	TRANSISTOR	BI2DTC114YKA011	
Q291	DTC323TK	TRANSISTOR	BI2DTC323TKA011	
Q292	DTC323TK	TRANSISTOR	BI2DTC323TKA011	
Q293	DTC114TK	TRANSISTOR	BI2DTC114TKA011	
Q294	DTA114YK	TRANSISTOR	BI2DTA114YKA011	
D101	1SS133	FR DIODE	BI31SS133M000V7	
D102	1SS133	FR DIODE	BI31SS133M000V7	
D104	1SS133	FR DIODE	BI31SS133M000V7	
D105	1SS133	FR DIODE	BI31SS133M000V7	
D131	MC2838	C DIODE	BI3MC2838A002VH	
D133	1SS133	FR DIODE	BI31SS133M000V7	
D153	1SS133	FR DIODE	BI31SS133M000V7	
D154	1SS133	FR DIODE	BI31SS133M000V7	
D157	1SS133	FR DIODE	BI31SS133M000V7	
D171	RS603M	DIODE	BI3RS603M1	
D172	RS202	DIODE	BI3RS2021	
D173	1SS133	FR DIODE	BI31SS133M000V7	
D201	1SS133	FR DIODE	BI31SS133M000V7	
D231	1SS355	DIODE	BI31SS355A0077	
D232	1SS355	DIODE	BI31SS355A0077	
D233	1SS133	FR DIODE	BI31SS133M000V7	
D234	1SS355	DIODE	BI31SS355A0077	
D235	1SS355	DIODE	BI31SS355A0077	
D236	1SS355	DIODE	BI31SS355A0077	
C101	BICM103101KP015	M CAPACITOR	0.01uF 100V	
C102	BICM103101KP015	M CAPACITOR	0.01uF 100V	
C103	BICE33856M1	E CAPACITOR	3300-56	
C104	BICE33856M1	E CAPACITOR	3300-56	
C105	BICE47825M61	E CAPACITOR	4700uF 25V	
C106	BICE108250MP015	E CAPACITOR	1000uF 25V	
C107	BICC103500KA042	C CAPACITOR	0.01uF 50V	
C108	BICC103500KA042	C CAPACITOR	0.01uF 50V	
C109	BICE108160MP015	E CAPACITOR	1000uF 16V	
C110	BICE477250MP015	E CAPACITOR	470uF25V	
C113	BICE108160MP015	E CAPACITOR	1000uF 16V	
C114	BICC104500ZA043	C CAPACITOR	0.1uF 50V	
C115	BICE108160MP015	E CAPACITOR	1000uF 16V	
C116	BICC104500ZA043	C CAPACITOR	0.1uF 50V	
C117	BICE107160MP015	E CAPACITOR	100uF 16V	
C118	BICC104500ZA043	C CAPACITOR	0.1uF 50V	
C121	BICE227100MP015	E CAPACITOR	220uF 10V	
C122	BICC104500ZA043	C CAPACITOR	0.1uF 50V	
C123	BICE227100MP015	E CAPACITOR	220uF 10V	
C124	BICC104500ZA043	C CAPACITOR	0.1uF 50V	
C131	BICE105500MP111	E CAPACITOR	1uF 50V	
C132	BICE106500MP015	E CAPACITOR	10uF 50V	
C134	BICE227160MP111	E CAPACITOR	220uF 16V	
C151	BICC222500KA042	C CAPACITOR	2200pF 50V	
C153	BICE105500MP015	E CAPACITOR	1uF 50V	
C154	BICE226160MP015	E CAPACITOR	22uF 16V	
C155	BICE475500MP015	E CAPACITOR	4.7uF 50V	
C157	BICE107160MP015	E CAPACITOR	100uF 16V	
C171	BICC103500KA042	C CAPACITOR	0.01uF 50V	
C172	BICC103500KA042	C CAPACITOR	0.01uF 50V	
C173	BICM223101KP015	M CAPACITOR	0.022uF 100V	
C174	BICE106500MP015	E CAPACITOR	10uF 50V	
C175	BICC103500KA042	C CAPACITOR	0.01uF 50V	
C176	BICC103500KA042	C CAPACITOR	0.01uF 50V	
C177	BICC223500KA042	C CAPACITOR	0.022uF 50V	

⚠ Symbol No.	Part No.	Part Name	Description	Local
C202	BICE476250MP015	E CAPACITOR	47uF 25V	
C203	BICE105500MP015	E CAPACITOR	1uF 50V	
C204	BICE105500MP015	E CAPACITOR	1uF 50V	
C205	BICC471500KA042	C CAPACITOR	470pF 50V	
C206	BICC471500KA042	C CAPACITOR	470pF 50V	
C207	BICC221500JA041	C CAPACITOR	220pF 50V	
C208	BICC221500JA041	C CAPACITOR	220pF 50V	
C213	BICE107500MP015	E CAPACITOR	100uF 50V	
C214	BICE107500MP015	E CAPACITOR	100uF 50V	
C215	BICE476500MP015	CAPACITOR	47uF 50V	
C216	BICE476500MP015	CAPACITOR	47uF 50V	
C237	BICC104500KA042	C CAPACITOR	0.1uF 50V	
C238	BICC104500KA042	C CAPACITOR	0.1uF 50V	
C239	BICC104500KA042	C CAPACITOR	0.1uF 50V	
C240	BICC104500KA042	C CAPACITOR	0.1uF 50V	
C241	BICE106500MP015	E CAPACITOR	10uF 50V	
C242	BICE105500MP015	E CAPACITOR	1uF 50V	
C243	BICC153500KA042	C CAPACITOR	0.015uF 50V	
C244	BICC153500KA042	C CAPACITOR	0.015uF 50V	
R101	BIRF0220045N000	F RESISTOR	2.2Ω 1/4W	
R104	BIRC6820105A005	C RESISTOR	6.8KΩ 1/10W	
R105	BIRC3320105A005	C RESISTOR	3.3KΩ 1/10W	
R107	BIRC2210105A005	C RESISTOR	220Ω 1/10W	
R108	BIRC2210105A005	C RESISTOR	220Ω 1/10W	
R109	BIRC2210105A005	C RESISTOR	220Ω 1/10W	
R110	BIRC2210105A005	C RESISTOR	220Ω 1/10W	
R111	BIRC1020105A005	C RESISTOR	1KΩ 1/10W	
R121	BIRC2210105A005	C RESISTOR	220Ω 1/10W	
R131	BIRC4730105A005	C RESISTOR	47KΩ 1/10W	
R132	BIRC4730105A005	C RESISTOR	47KΩ 1/10W	
R134	BIRC2240105A005	C RESISTOR	220KΩ 1/10W	
R135	BIRC4730105A005	C RESISTOR	47KΩ 1/10W	
R136	BIRC5600105A005	C RESISTOR	56Ω 1/10W	
R137	BIRC1030105A005	C RESISTOR	10KΩ 1/10W	
R139	BIRC1030105A005	C RESISTOR	10KΩ 1/10W	
R140	BIRC5600045M000	C RESISTOR	56Ω 1/4W	
R141	BIRC1510045M000	C RESISTOR	150Ω 1/4W	
R142	BIRC5620105A005	C RESISTOR	5.6KΩ 1/10W	
R143	BIRC1030105A005	C RESISTOR	10KΩ 1/10W	
R144	BIRC5620105A005	C RESISTOR	5.6KΩ 1/10W	
R151	BIRC1830105A005	C RESISTOR	18KΩ 1/10W	
R152	BIRC6840105A005	C RESISTOR	680KΩ 1/10W	
R153	BIRC1030085M000	C RESISTOR	10KΩ 1/8W	
R155	BIRC4700105A005	C RESISTOR	47Ω 1/10W	
R156	BIRC1040105A005	C RESISTOR	100KΩ 1/10W	
R157	BIRC1030105A005	C RESISTOR	10KΩ 1/10W	
R158	BIRC3910105A005	C RESISTOR	390Ω 1/10W	
R174	BIRC2230105A005	C RESISTOR	22KΩ 1/10W	
R175	BIRC2230085M000	C RESISTOR	22KΩ 1/8W	
R176	BIRC2220105A005	C RESISTOR	2.2KΩ 1/10W	
R201	BIRC3920105A005	C RESISTOR	3.9KΩ 1/10W	
R203	BIRC1030105A005	C RESISTOR	10KΩ 1/10W	
R204	BIRC1030105A005	C RESISTOR	10KΩ 1/10W	
R205	BIRC2220105A005	C RESISTOR	2.2KΩ 1/10W	
R206	BIRC2220105A005	C RESISTOR	2.2KΩ 1/10W	
R207	BIRC2730105A005	C RESISTOR	27KΩ 1/10W	
R208	BIRC2730105A005	C RESISTOR	27KΩ 1/10W	
R209	BIRC2020105A005	C RESISTOR	2KΩ 1/10W	
R210	BIRC2020105A005	C RESISTOR	2KΩ 1/10W	
R211	BIRF1010025N000	F RESISTOR	100Ω 1/2W	
R212	BIRF1010025N000	F RESISTOR	100Ω 1/2W	
R215	BIRC5630105A005	C RESISTOR	56KΩ 1/10W	
R216	BIRC5630105A005	C RESISTOR	56KΩ 1/10W	
R217	BIRM0022N25N000	C RESISTOR	0.22Ω 2W	
R218	BIRM0022N25N000	C RESISTOR	0.22Ω 2W	
R259	BIRC1020085N000	C RESISTOR	1KΩ 1/8W	
R260	BIRC1020105A005	C RESISTOR	1KΩ 1/10W	
R261	BIRC1530105A005	C RESISTOR	15KΩ 1/10W	
R262	BIRC1530105A005	C RESISTOR	15KΩ 1/10W	
R263	BIRC1020105A005	C RESISTOR	1KΩ 1/10W	
R264	BIRC1020105A005	C RESISTOR	1KΩ 1/10W	
R269	BIRC1540105A005	C RESISTOR	150KΩ 1/10W	
R270	BIRC1540085M000	C RESISTOR	150KΩ 1/8W	
R275	BIRC2200085M000	C RESISTOR	22Ω 1/8W	
R276	BIRC2200085M000	C RESISTOR	22Ω 1/8W	
R277	BIRC2200085M000	C RESISTOR	22Ω 1/8W	
R278	BIRC2200085M000	C RESISTOR	22Ω 1/8W	

⚠ Symbol No.	Part No.	Part Name	Description	Local
R279	BIRC2200085A002	C RESISTOR	22Ω 1/8W	
R280	BIRC2200085A002	C RESISTOR	22Ω 1/8W	
R281	BIRC2200085A002	C RESISTOR	22Ω 1/8W	
R282	BIRC2200085A002	C RESISTOR	22Ω 1/8W	
R283	BIRC1030105A005	C RESISTOR	10KΩ 1/10W	
R284	BIRC1030105A005	C RESISTOR	10KΩ 1/10W	
R285	BIRC4710105A005	C RESISTOR	470Ω 1/10W	
R286	BIRC4740105A005	C RESISTOR	470KΩ 1/10W	
R287	BIRC1000085M000	C RESISTOR	10Ω 1/8W	
R289	BIRC2220105A005	C RESISTOR	2.2KΩ 1/10W	
R290	BIRC1030105A005	C RESISTOR	10KΩ 1/10W	
R291	BIRC6810025N000	C RESISTOR	680Ω 1/2W	
R292	BIRC6810025N000	C RESISTOR	680Ω 1/2W	
R293	BIRC2710105A005	C RESISTOR	270Ω 1/10W	
R294	BIRC2710105A005	C RESISTOR	270Ω 1/10W	
R295	BIRC2220105A005	C RESISTOR	2.2KΩ 1/10W	
R296	BIRC2220105A005	C RESISTOR	2.2KΩ 1/10W	
R297	BIRC3920105A005	C RESISTOR	3.9KΩ 1/10W	
L101	BI18A843556N000	FILTER BEAD	843556	
L201	BI2600702V	CHOCK COIL	1.0uH	
L202	BI2600702V	CHOCK COIL	1.0uH	
CN101	BI12S60119V	SOCKET	6P	
CN102	BI12S600961	CONNECTOR	6P	
CN105	BI12S20057V	SOCKET	2P	
CN157	BI12S200161V	SOCKET	2 P	
CN201	BI12S150028V	SOCKET	15P	
CN202	BI12S80058V	SOCKET	8 P	
CN204	BI12S40047V	SOCKET	4P	
JR101	BIRC0000085A003	C RESISTOR	0Ω 1/8W	
JR102	BIRC0000085A003	C RESISTOR	0Ω 1/8W	
JR103	BIRC0000085A003	C RESISTOR	0Ω 1/8W	
JR104	BIRC0000085A003	C RESISTOR	0Ω 1/8W	
JR105	BIRC0000085A003	C RESISTOR	0Ω 1/8W	
JR106	BIRC0000085A003	C RESISTOR	0Ω 1/8W	
JR107	BIRC0000085A003	C RESISTOR	0Ω 1/8W	
P103	BI11A050M0Y	BLACK WIRE		
RY201	BI8RL00191V	RELAY	DC 12V	
SP201	BI23F0741V	TERMINAL SP	4P	
XXXXX	BI251394G01V	AMP PCB	AMP PCB	
XXXXX	BI202903010101	HEAT SINK		
XXXXX	BIRT000617B3	SCREW	3 x L10mm(x3)	
XXXXX	BI202672010101	HEAT SINK	IC104	
XXXXX	BIBT0006091	SCREW	(x2)	
XXXXX	BIBT000604S3	SCREW		
XXXXX	BI12P20205V	CONNECTOR ASSY	2P P=2.0mm	
XXXXX	BIRT103THMSP015	SCREW	10K	
XXXXX	BIRT000611B3	SCREW	(x2)	
ZD101	UZ12BSC	Z DIODE	BI3UZ12BSCM000V	
ZD121	MTZ J 3.3B	Z DIODE	BI3MTZJ33BM000V	
ZD157	UZ5.6BSB	Z DIODE	BI3UZ56BSBM000V	

Wiring

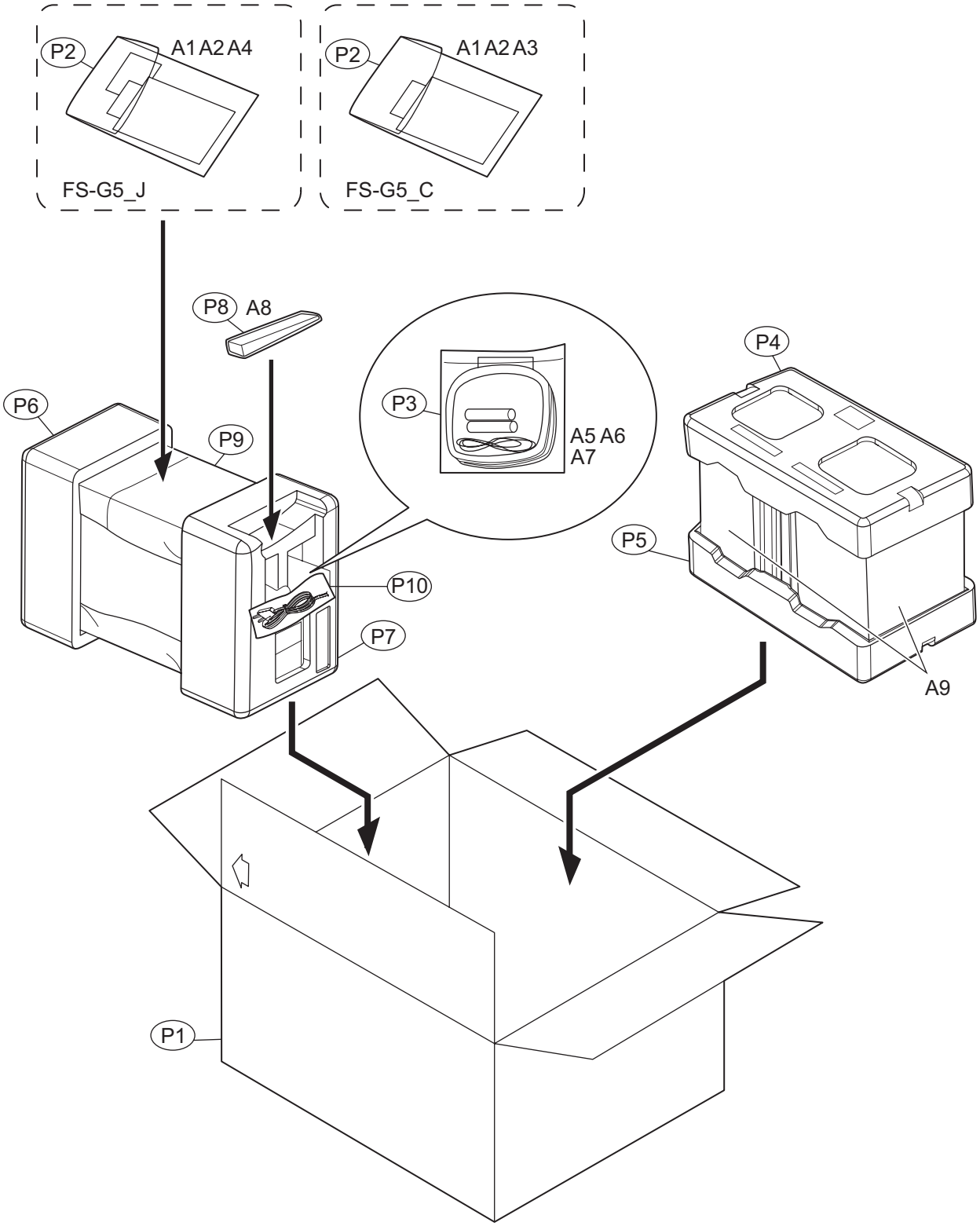
Block No. [0][6]

⚠ Symbol No.	Part No.	Part Name	Description	Local
XXXXX	BI1206561V	FFC CABLE	16P 1.0 L=95mm	
XXXXX	BI1206821V	FFC CABLE	12P 1.25 L=50mm	
XXXXX	BI1206831V	FFC CABLE	16P 1.25 L=200mm	
XXXXX	BI1206841V	FFC CABLE	28P 1.25 L=180mm	
XXXXX	BI1206851V	FFC CABLE	12P 1.25 L=160mm	

Packing materials and accessories parts list

Block No. M 3 M M

No additional / supplemental order of WARRANTY CARDs are available.



Packing and Accessories

Block No. [M][3][M][M]

⚠	Symbol No.	Part No.	Part Name	Description	Local
	A 1	BI440001528000W	INST BOOK	ENG FRE	C
	A 1	BI440001507001W	INST BOOK	ENG	J
	A 2	BI400023260002W	SAFTEY CARD		
	A 3	BI4000132820020	GRANTIE CARD		C
	A 4	----------	WARRANTY CARD	BT-51034-2	J
	A 5	----------	BATTERY	(x2)	
	A 6	BIAN01281V	AM LOOP ANT		
	A 7	BIAN01022	ANT WIRE FM		
	A 8	BI643FSG5050	REMOTE CONTROL		
	A 9	BI644FSG5205SV	SPEAKER BOX	(x2)	
	P 1	BI430001809001W	CARTON		
	P 2	BI470011031001W	POLY BAG	I/B	
	P 3	BI470011057001W	POLY BAG	ANT LOOP	
	P 4	BI4500113021W	TOP CUSHION	Speaker Box	
	P 5	BI4500113031W	BOTTOM CUSHION	Speaker Box	
	P 6	BI450012031000W	FRONT CUSHION	UNIT	
	P 7	BI450012030000W	REAR CUSHION	UNIT	
	P 8	BI4005355	POLY BAG	for Remote control	
	P 9	BI450032001000W	PROTECT SHEET	UNIT	
	P 10	BI470011067001W	POLY BAG	For AC Cord	